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Lancaster Farming

VOL. 14 NO. 50 | Lancaster Farming, Saturday, November 8, 1969 | $2.00 Per Year

Symposium Summary

Marek's Disease Control

By Caswell S. Eidson
University Of Georgia

Acute Marek's disease is an infectious lymphoproliferative disease of chickens in which lymphoid tumors of the viscera are common Economically, this disease is probably the most important single infectious condition of the chicken in the United States today In January 1969, in the state of Georgia there were 32,500 000 chickens inspected and 1,150,000 of these were condemned for MD or about 3 5% of all birds that were inspected This disease alone is costing the United States approximately 150 to 200 million dollars annually while it is costing the

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Livestock Exposition

The Pennsylvania Livestock Exposition will be held starting today, November 8 and run through next week. A full schedule of events is published in this issue on page 6.

Clyde Wivell

Wivell Reelected Farmers' Assn. Head

The Lancaster County Farmers' Association announced the following results of a reorganization meeting held by the directors on Tuesday night Reelected were Clyde Wivell, Columbia R1, President, James M Garber, Mount Joy R2, Vice President and James L Martin 567 Delp Road, Lancaster, Secretary Treasurer.

Farm Calendar

Saturday, Nov. 8 (today)

8-15—Pennsylvania Livestock Exposition, Farm Show Building, Harrisburg (See schedule page 6)

7 00 A M —Lancaster County 4-H Council Sub Sale, Farm and Home Center.

Sunday, Nov. 9

9 12 — Pennsylvania Farmers' Assn Meeting, Penn Harris Motor Inn, Camp Hill.

Monday, Nov. 10

(Continued on Page 12)

A FRIENDLY MILK GOAT in the herd of Mr. and Mrs. Jacob Fisher, Manheim R1, poses for their 16-year-old son John. The Fisher's say kids are more personable than cats or dogs. L. F. Photo

The Mothers, Kids & Billy Too, Are At Windy Hill Farm

Wind around Holly Tree Road located South of Fruitville Pike just East of Manheim until you get to Windy Hill Milk Goat Farm You will not be the first one who has just stopped in to see the kids, and their mothers Of course, Billy Goat is here too.

People come from New York regularly to visit as do friends and neighbors, especially in the spring when all the cute little kids are frisky and playful The owners, Mr and Mrs Jacob Fisher and 16-year-old son, John, say the kids are more personable than cats or dogs

It all started when Jacob took a load of hay to Mrs Walter Sherer at Sporting Hill, for her goats When he came home, he asked the family to guess what he had done "Well, were we surprised when he told us he had ordered a pair of kids," said Mrs Fisher "But it was love at first sight when they arrived and that was the beginning of our 40 goat herd That was in 1954 and we have learned a lot about goats since then," she said

Now in case you don't know caring for a milking goat herd is just like caring for a dairy cow herd only in miniature style In fact, the only thing that isn't miniature about the milking goat operation is the health and milk house inspections by state officials Firm regulations must be met in the milk house and other surroundings to maintain their state approved raw milk permit About one-fourth of their milk production is sold at the farm.

But the little milking parlor, the little milk cooler and the little loose housing set up, show

(Continued on Page 13)

Credit People Hope For Lower Interest But See No Change

"We keep hoping we will see a drop in the discount rate," said Carl Brown, Manager of the Lancaster County Farm Credit Service, "but it looks like we will have more of the same"

Speaking to the annual meeting of the Farm Credit Service at the Plain and Fancy Farm Restaurant Brown said, "It has been a good year for farmers with the rain to bring on the good crops If we review the events of the 1960's, we see a big change in farm operation but in the '70's we will likely see even bigger units at higher costs; more mechanization with more capitalization needed It

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Commodity Futures Markets, And How You Can Use Them

By Everett Newswanger
Lancaster Farming Editor

(Note: Special classes for Vo-Ag teachers to become more acquainted with Commodity Futures Markets were held during recent weeks with the last session held Monday afternoon at Penn Manor High School The following report is based on discussion and information made available at these meetings by Richard Reed Reynolds & Co, Lancaster)

"The futures market gives the farmer an advantage," said Richard Reed, Reynolds & Co, Lancaster "It lets him make a market for his cattle or wheat etc, even before he buys the feeders or harvests the grain" In fact, Reed said the whole futures market started in medieval times when farmers brought their crops into the village to grade. If the town people liked a farmer's produce especially well and he didn't have enough to supply all the demand of his customers, they would say, "Well, the next time you come to town, bring me some" And the customer would pay the farmer in advance and in effect, the customer was buying cash produce for future delivery

From these early beginnings came the central market place in Chicago and other key cities where all buyers of future deliveries and producers with future produce to sell could get together

How can today's farmers benefit? He can hedge And don't let that funny sounding word scare you

(Continued on Page 10)

Guernsey Breeders Set Annual Meeting For November 14

The Lancaster County Guernsey Breeders have scheduled their annual meeting and banquet for November 14 at the Spanish Restaurant in Quarryville. Tickets are $3 00 and should be ordered by Nov. 12

Glenn Eshleman, noted photographer, will give a slide presentation as part of the program Andrew Burkins, Drumore Center, is the committee chairman

THE LANCASTER COUNTY POULTRY directors reorganized Thursday night and Lorin Weigard (seated) was elected president. Melvin C Gehman (left) was elected treasurer and Allen B. Graybill was named vice president and representative to the Pa Poultry Federation Not present for the Lancaster Farming photograph was John Jacob Oberholtzer who was reelected secretary Other committee chairmen appointed were. J Harold Esbenshade, promotion; John R. Huber, Jr., educational. Aaron S Glick, banquet; John W Melhorn, queen. Paul B Kline, tour and Everett Newswanger, publicity.

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

November 6, 1969

CATTLE 3500 — Compared to last weeks close. Slaughter Steers steady to 50 lower most decline on weights over 1100 lbs. Cows steady to 25 higher instances 50 higher on Cutter. Bulls weak to 50 lower. Feeder Steers mostly steady Supply included an estimated 15 percent Slaughter Steers 20 percent Cows and Bulls with the balance mainly Feeder Steers

SLAUGHTER STEERS — Load high-Choice and Prime 1150 lbs 30 50 Choice 900 1200 lbs 28 60 29 75 few head 29 85 30 25 Choice 1200 1350 lbs 28 10 29 10, high Good and low Choice 27 50-28 75 Good 25 85 27 85 few Standard 24 35 25 60

COWS—Utility and high dressing Cutter 18 00 19 50 Cutter 17 00 18 75, Canner and low Cutter 15 00 17 00

BULLS — Choice 28 25 29 60, Good 25 75 28 00. Utility and Commercial 25 60-28 50 Cutter and low Utility 22 85 24 85

FEEDER STEERS — Couple lots Choice 475 550 lbs 33 50 35-00 five loads Choice with end of Good 490 525 lbs 32 00 33 00 load Choice 800 lbs 29 50 two

(Continued on Page 3)

Auction Only

November 5, 1969

CATTLE 673 — Compared to Monday. Slaughter Steers steady to 50 lower, most decline on weights over 1100 lbs. Cows steady to 25 higher instances 50 higher on Cutter. Bulls steady to 50 lower

SLAUGHTER STEERS — Choice 900 1200 lbs 28 60 29 35, few head 29 85 30 35, Choice 1200 -1350 lbs 28 10 29 00, couple lots 1390 1410 lbs 27 60 27 85, high-Good and low Choice 27 50 28 75, Good 25 85 27 85, few Standard 24 35 25 60

COWS—Utility and high dressing Cutter 18 25-19 50, Cutter 17 00 18 75, Canner and low Cutter 15 25 17 00

BULLS—Good 25 75 27 35, few Choice 28 25 29 60 Utility and Commercial 25 60-28 00, Cutter and low Utility 22 85 24 85

FEEDER STEERS—Two loads Choice 860 980 lbs 28 10 28 75

CALVES 136 — Vealers steady to weak

VEALERS — Choice 46 00-49 50, couple 50 50 Good 43 00-47 00 Standard 38 00 44 50, Utility 34 00-40 00, Cull 90-120 lbs 28 00-32 00, 65 85 lbs 25 00 28 50

HOGS 206—Barrows and Gilts steady to 25 lower

BARROWS AND GILTS—US 1 2 200 225 lbs 27 00 Six US 1 220-240 lbs 27 75 US 2 3 190 255 lbs 26 35 26 75 One lot US 3 4 245 lbs 26 10

SHEEP 61 — Wooled Lambs steady

WOOLED LAMBS — One lot 70 lb 28 00 Good 75 90 lbs 24 50-25 00, one lot Utility 85 lbs 23 50

Take Soil Samples Soon

Taking soil samples in the fall, before the ground freezes helps avoid the late winter and early spring rush, reminds Wayne Hinish, Extension agronomist at The Pennsylvania State University Ask your county agent for further information

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All Breeds
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Good Doing
Shenandoah Valley
Va Cattle
STAUNTON UNION STOCK YARDS, INC.
Staunton, Va.

Vintage Auction

November 4, 1969

CATTLE 671 — Compared to last Tuesday. Slaughter Steers steady to 50 higher. Cows 25 50 lower Bulls steady to 50 lower

SLAUGHTER STEERS — High Choice and Prime 1050 1300 lbs 29 85 31 25, few Choice yield grade 2 30 75 31 25, Choice 950 1325 lbs 29 00 30 50, few early 28 75 29 00; high Good and low-Choice 28 00 29 25, Good 26 50 28 50

COWS—Utility and high dressing Cutter 17 50 19 25, few 19 35-19 75, Cutter 16 25 18 50, Canner and low-Cutter 15 50-16 50

BULLS — Utility and Commerical 25 50 28 00, few 28 75-29 10

CALVES 584 — Vealers steady to 2 00 lower, least decline on Choice

VEALERS — Choice 47 50 50-50, Good 44 00 47 50, Standard 38 50 45 00, Utility 33 00-38 00, Cull 90 120 lbs 28 00-33 00, 65 85 lbs 23 00 29 00

HOGS 236 — Barrows and Gilts 50 75 lower

BARROWS AND GILTS—US 1 2 200-240 lbs 26 85 27 10 5 head US 1 200 235 lbs 27 50 27 75 US 2-3 190-255 lbs 26 35 26 75 US 3-4 250-270 lbs 25 50-26 10

SHEEP 54 — Wooled Lambs steady to weak Slaughter Ewes 1 00 lower

WOOLED LAMBS—Few head Choice 70 90 lbs 30 00-31 50, Good 24 00-28 00

SLAUGHTER EWES — Utility and Good 4 00-6 50

Chicago Cattle

Weekly Review

CATTLE — Compared with last weeks close High Choice and Prime Slaughter Steers mostly 50 lower Average Choice and below steady to 25 lower Slaughter Heifers weak to 25 lower Cows 50 higher, Bulls steady Receipts 67 percent Slaughter Steers 30 percent Heifers balance mostly Cows Overall finish of Steers not as attractive as last week with 13 percent Prime and 78 percent Choice as compared with 15 percent Prime and 77 percent Choice last week and 10 percent Prime and 78 a

(Continued on Page 3)

LLOYD H. KREIDER
Auctioneer
and
Sales Manager
Quarryville R#2, Box 180
Ph: 786-3394

New Holland Auction

November 6, 1969

CATTLE 793 — Compared to last Thursday, Slaughter Steers steady to strong. Cows steady to strong, after a few early sales 25-50 lower, Bulls steady to 50 lower Supply included 36 percent Cows and 21 percent Feeder Steers

SLAUGHTER STEERS — Choice 950 1325 lbs 28 85 30 50, few high Choice and Prime 30-25 30 75, high Good and low Choice 27 75 29 25, Good 26 50-28 25, few Standard 24 75 26 00

COWS — Utility and high-dressing Cutter 17 50 19 10, few 19 50 20 10, Cutter 16 50-18 00, Canner and low Cutter 14 75 16-50

BULLS — Choice 28 00 29 50 Good 25 50 28 00, Utility and Commercial 25 75-28 60, Cutter and low-Utility 23 00-25 00

FEEDER STEERS — Two loads Choice 880-935 lbs 28 50 29 25 mixed-Good and Choice 740-800 lbs 28 25-28 60, two loads mixed-Good and Choice 915-980 lbs 27 50-27 85

CALVES 502 — Vealers steady to 1 00 lower

VEALERS — Choice 47 00-49 50, couple Prime 53 00-53 50, Good 43 00-48 00, Standard 39-00 45 00 Utility 32 50 39 00, Cull 90 120 lbs 28 00-33 00, 65 85 lbs 22 00-29 00

SHEEP 20 — Wooled Lambs steady

WOOLED LAMBS — Good and Choice 65 85 lbs 27 00-29 00

COWS
November 5, 1969

Receipts of 175 cows 2 bulls and 20 heifers sold steady Holstein 425 670, Guernseys 175-265; Other breeds 275-375, Bulls 270-290, Heifers 260 330

HORSES
November 3, 1969

Receipts of 343 horses sold stronger on better grades Riding horses 90 325, Driving horses 110 390, Ponies 10 30, Killers 4-5.

HOGS
November 3, 1969

Receipts of 1010 hogs and 16 shoats sold 25 to 50 lower Retail 27 29, Wholesale 26 25-26 75; Heavyweights 24-26 25; Shoats 20

CALVES
November 3, 1969

Receipts of 142 calves sold $1 lower Choice and Prime 45 50-49, Good and L Choice 40-45; Standard 34 39 50; Common 22-32 50

Gasoline Is Powerful

When one handles gasoline carelessly, such as overfilling a tank, adding fuel while a tractor is running hot or spilling fuel, the chances of a dangerous fire or explosion are greatly increased Handle all fuels, and especially gasoline, as carefully as you would dynamite, cautions Extension agricutural engineers at The Pennsylvania State University

FUTURES TRADING

(Closing bids as of Thursday, November 6, 1969)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
November			2.44	54.85
December	28.55	27.15		50.15
January '70				47.00
February	28.77	25.95		43.10
March			2.71	42.85
April	29.20	24.50	2.91	38.65
May			3.51	38.00
June	29.40	25.20		
August	29.40			
September				40.00
October	29.10			
December	28.90			

a-asked b-bid n-nominal

Trend Cattle are steady, Hogs are stronger; Potatoes are steady and Eggs are stronger.

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DAIRY SALE — WEDNESDAY at 12:30 P.M.

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– IN SALES PAVILION –

FRIDAY, NOVEMBER 21, 1969 AT 1:00 P. M.

VALUABLE DOOR PRIZES TO BE GIVEN AWAY AT EACH SALE

Sponsored by: The Lancaster Livestock Exchange and Union Stock Yard Co.

Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices of light type hens continues unchanged, though trended slightly lower within the range Demand good Offerings increased and often in excess of current needs as processors continue to have labor shortage which limits live running time Occasional supplies of heavy whites noted at 14-14½c for a good demand. Prices paid at farm: Light Type Hens 8-11½ M 10¾-11c Heavy type hens Tfewr.

Fogelsville

November 4, 1969

(Prices paid dock weights cents per lb, except where noted)

HENS, heavy type 9 17 mostly 10-15, PULLETS 10 34 mostly 27-30, ROASTERS 13 34 mostly 25-32, CAPONS 35-40, DUCKS 22-41 mostly 32-37 DRAKES 20-42 mostly 35-40, GEESE 15-35, TURKEYS, hens 30-36; RABBITS 26-50 mostly 30-36, GUINEAS 46-60 mostly 55-60; PIGEONS (per pair) 1 05 2 45 mostly 1 10

TOTAL COOPS SOLD 806

Delmarva

Ready to cook movement improved slightly following Tuesday's closings in some markets Less than trucklot prices generally unchanged Early negotiations for next week noted at 27½c on plant grade loads Live supplies fully adequate however weights often more desirable than past weeks Undertone steady.

Negotiated trucklot prices 2-3# ready-to-cook broiler/fryers for delivery next week: U.S Grade A Tfewr; Plant Grade 27½c. Pool turcklot (Thursday arrival at terminal markets) U.S Grade A 28½-30½ mostly 28½c, Plant Grade 28-28½ mostly 28c Special packs including 1¾-2, 3½# sizes 31 32½c

● Lancaster

(Continued from Page 2)

loads Choice 860 980 lbs 28 10-28 75, load Choice with end of Good 960 lbs 28 00

CALVES 500 — Vealers steady to 1 00 lower

VEALERS—Choice 46 00 49 00 few 49 50 50 50 Good 42 00-47 00, Standard 38 00-44 50, Utility 33-00 40 00, Cull 90 120 lbs 28 00 33 00, 65 85 lbs 24 00-30 00

HOGS 1300 — Barrows and Gilts 75 to mostly 1 00 lower

CLOSING SALES, BARROWS AND GILTS — US 1-2 200 225 lbs 27 00 Six US 1 220 240 lbs 27 75 US 2-3 190-255 lbs 26 35-26 75

SHEEP 200 — Wooled Lambs and Slaughter Ewes 1 00 lower.

WOOLED LAMBS Choice 60-90 lbs 27 50-28 50, few 29 00, Good 60-90 lbs 24 50-27 50, Utility 20 00-24 00

SLAUGHTER EWES—Utility and Good 4.50-8 00

● Chicago

(Continued from Page 2)

year ago Average cost of Slaughter Steers estimated at 28 65. Compared with 29 09 last week and 28 15 a year ago Average weight of Steers estimated to be up slightly from last weeks 1135 lbs and well above the 1135 lbs a year ago Slaughter Heifer supply largely high Good to Prime Weighing 825-1050 lbs average weight of Heifers last week, at 955 lbs was the heaviest since January 1968

SLAUGHTER STEERS — On Wednesday Prime 1200-1350 lbs. Yield Grade 3 and 4 29.50-30 00, latter price the lowest top for a major market day in a year. On Monday load 1300 lbs 30 50 High Choice and Prime 1125-1350 lbs 29.00-29 75 Choice 950-1350 lbs Yield Grade 2 to 4 27 75-29 00. Mixed Good and Choice 27 25-28 00 Good 26 25-27 50 Standard and low Good 25 00-26 25

SLAUGHTER HEIFERS — High Choice and Prime 900 1075 lbs Yield Grade 3 and 4 27 50-28 00, three loads up to 28 25 on Monday Choice 825 1050 lbs Yield Grade 2 to 4 26 75-27 50 Mixed Good and Choice 26 00-26 75 Good 24 75-26 00

"Needle's Eyes"

In oriental cities, the small gates called "needle's eyes" are used by travelers who wish to enter the city after the main gates have closed

100 years ago, there were 7,000 Navajo Indians in U S — now, some 90,000

Weekly New York Egg Mkt.

(From Monday, November 3 to Friday November 7)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	56		56½	57	57½
Fcy. Large	53		53½	54	55
Fcy Mediums	46½		47½	49	51
Fcy. Pullets	41		42	43	45
Fcy. Peewees	30		31	31	32
BROWN					
Fcy Large	52		53½	54	55
Fcy. Mediums	45½		46½	48	50
Fcy Pullets	41		42	43	45
Fcy Peewees	30		31	31	32
Standards	48		49	50	51
Checks	37		37½	38	39

Trend All sizes and grades well cleared

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From Where We Stand...

A Subject Of Deep Feeling

U.S. Senator Hugh Scott (R-Pa.) released a statement that reiterated his support for a constitutional amendment allowing prayer in public school. Scott said:

"I have been very much aware that allowing prayer in our schools is the subject of deep feeling among the people of Pennsylvania. I too have been much concerned. I have received a great deal of mail in support of a Constitutional Amendment. I have supported this amendment in the past and intend to do so in the future.

"Proposals which I have introduced in the past would enable children **who so desire** to participate in prayer or Bible reading in their classrooms. Those who are opposed would **not** be compelled to participate. I have urged that Congress take action and I believe that such a deeply felt issue should come up for a vote.

At least two farm organizations will be glad to hear this. Both the Pennsylvania State Grange members and the Lancaster County Farmers' Association at their recent annual meetings adopted resolutions that seem to agree with the senator's thinking.

The Grange reported that in counter to a protest against the reading of the Bible by American astronauts in outer space, a letter was directed to be sent to NASA headquarters commending the spacemen for so doing. and another to legislators to inform them of the Grange stand. Individual citizens were urged to write letters expressing their views also.

The Lancaster County Farmers' Association simply stated, "We recommend that legislators enact the reinstatement of Bible reading in public schools."

The senator closed his statement very forcefully by saying, "I believe in separation of church and state, but I do **not** believe in separating children from God."

We would bow our heads and say, "Amen." Then on second thought, we wonder, can we really ask for an open Bible in the schools when the Good Book is so scantly used in the average American home. Reinstating the use of the Bible in the home would be the first step in bringing back its use in the public schools. At least that's the way it looks from where we stand.

Making Blood Go Further

When there is a disaster. one of the first needs is plasma to treat the injured. Disasters have dramatized the importance of blood and plasma, but growing use of these life-saving agents in illness and advanced surgery has resulted in a chronic blood shortage.

The October issue of The Reader's Digest contains an article on ways to relieve the blood shortage, which has become "a dangerous, growing national phenomenon." The article describes "component therapy" which involves separating blood into cellular and protein components and giving each patient only the part that he needs. The advantages of component therapy are many. The patient's system is not overloaded with what he doesn't need. Risks of hepatitis or mismatching are eliminated or greatly reduced. There is no blood wasted because of outdating, and as many as seven persons can be helped by a single unit. The American Association of Blood Banks is engaged in a three-year blood component workshop program designed to train physicians and technologists in techniques of component therapy.

All of which means that if you are in good health and between the ages of 21 and 66 you can help by giving blood regularly at your blood bank or collection center. Blood is needed more than ever before; and, under the new technology of component therapy, your single donation may help as many as seven persons.

Words From Another Age

On a small island in the Potomac river at the virtual heart of the nation's capital stands the Theodore Roosevelt Memorial. The National Park Service maintains the island in its natural wooded state. The Memorial, dedicated two years ago, was recently the subject of a moving commentary by Mr. James J. Kilpatrick. Mr. Kilpatrick noted quotations of Teddy Roosevelt on the Memorial as words that belong to a different age — an age that many of our young today would call square and cornball. To youth Roosevelt said, "I want to see you game, boys. I want to see you brave and manly, and I also want to see you gentle and tender. Be practical as well as generous in your ideals. Keep your eyes on the stars, but remember to keep your feet on the ground. Courage, hard work, self-mastery, and intelligent effort are all essential to successful life. Alike for the Nation and the individual, the one indispensable requisite is character." -

Concludes columnist Kilpatrick, "Teddy Roosevelt has been dead for fifty years. God knows we need his like today."

Across The Fence Row

Echoes are o.k. — but they seldom contribute much new.

* * *

It may take years of effort to prove your intellengence but only a second to show your stupidity.

* * *

Some wait for their ship to come in — others row out to meet it.

* * *

Those who have never faced real danger cannot truly boast of courage.

* * *

A little boy said to his mother, "Say, Mom, do you remember that antique flowerpot in the living room that's been handed down from generation to generation?"

"Of course, dear," said his mother.

"Well, this generation dropped it!"

* * *

Gentleman to Waiter: "Please bring me a chicken as young and tender as you have."

Waiter: "Then, sir, you had better have an egg."

Farm News This Week

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LANCASTER FARMING

Lancaster County's Own Farm Weekly

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Robert G. Campbell, Advertising Director

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Local Weather Forecast

(From the U. S. Weather Bureau at the Harrisburg State Airport)

The five-day forecast for the period Saturday through next Wednesday calls for temperatures to average near normal. Daytime temperatures are expected to average in to 50's and over night lows in the mid 30's to low 40's Normal high-low for the period is 55-36.

Precipitation may total one-fourth inch or less on Saturday and again on Monday.

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY LAWRENCE W. ALTHOUSE

THE LAST FREEDOM

Lesson for November 9, 1969

Background Scripture: Lamentations 3.19-40; Ezekiel 18
Devotional Reading: Isaiah 10 20-23.

Assume that tomorrow an enemy of our country were to launch an unexpected nuclear missile attack on the major cities of the United States and Canada. Although millions are killed in the attack and the ensuing radioactive fallout, there are several million survivors and you and your family are among them.

Rev. Althouse

The enemy quickly occupies the battered nation. Survivors are rounded-up and transported to the enemy's homeland for "slave labor." Your country is a wasteland; your home is in ruins; you are separated from your friends and neighbors. You are thousands of miles away from home in a strange, hostile land.

The crisis of faith

What would be your state of mind in such a situation? Would you still believe in, worship, and serve God? Could you still sing your familiar hymns of faith and hope? Could you still "Keep the faith"?

Perhaps as you ponder those questions, even though hypothetically, you may be able to appreciate better the mood and context of the crisis of faith among the Jews in their Babylonian exile. Judah's armies had been smashed. The little nation of Judah lay in devastation. The great temple had been reduced to rubble and ten thousand Jews were carried captive six hundred miles to Babylon where they were to live and work in subjugation. Not only had Judah been defeated, it had been destroyed. It ceased to exist!

As we imagine what those people must have felt in their hearts, it may seem to us quite unlikely that the Jews would keep their faith. The circumstances — exile, loneliness, captivity, humiliation — would seem to guarantee the erosion of their faith in God. How could the flame of faith, always slender at best, continue to burn after they had experienced all that?

Freedom to choose

Yet, circumstances do not determine the durability of our faith. They may lead us, push us, tempt us, but they do not make up our minds for us. Only we can do that. Viktor Frankl, the Viennese psychiatrist, discovered this as a prisoner in the Auschwitz concentration camp. Though the Nazis had taken all else from them, Frankl discovered something which could not be taken away: the freedom to "choose one's attitude in any given set of circumstances."

The conditions of the concentration camp were determined by their captors, but the prisoners still had the freedom to determine how they would respond to those conditions. As Frankl puts it: "... in the final analysis it becomes clear that the sort of person the prisoner became was the result of an inner decision, and not the result of camp influences alone" (Viktor Frankl, **Man's Search For Meaning**, Washington Square Press, Inc. N.Y., 1963).

Great is thy faithfulness

So it was with the Jewish exiles. The Babylonians dictated the circumstances, but only the Jews themselves could decide how they would respond to those circumstances. They could choose despair and bitterness, or they could choose to continue in their trust in God. They felt both. On the one hand they could say, "Remember my affliction and my bitterness, the workwood and the gall! My soul continually thinks of it and is bowed down within me" (Lamentations 3:19,20).

Yet this same voice could go on to confess, "But this I call to mind and therefore I have a hope: the steadfast love of the Lord never ceases, his mercies never come to an end; they are new every morning; great is thy faithfulness" (22,23).

So it may be with us. In the midst of our sorrows and disappointments, our hurts and our hardships, we still retain the last freedom: to choose the response of despair or of faith.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Read Lancaster Farming For Full Market Reports

NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Protect Water Lines

Freezing weather may come at any time and water pipes exposed to the air will need some attention. If they cannot be buried at least 24 inches under the ground, then electric heating cable may be used to prevent the pipes from freezing Special care should be used when applying the cable in order to prevent a fire hazard Many automatic water devices may be purchased including a heating unit

To Install Windbreaks

Farm homesteads that have the problem of drifting snow into walks or driveways that are used frequently can be improved by placing a snow fence, or some other windbreak to collect the snow before it gets to the area. Corn fodder shocks may be used for this purpose if they are available. The windbreak should be placed at least 60 to 70 feet into the prevailing winds (northwest) away from the area to allow space for the snow to pile up For the future, evergreen trees may be planted for windbreaks around buildings or places of frequent drifts.

To Exercise The Milking Herd

Successful dairymen follow the practice of permitting their herd outside daily exercise. This will improve the general health of the herd, help maintain stronger feet and legs, and permit improved breeding efficiencies Cows that are turned out daily will not be bothered by normal cold weather and should be given from 15 minutes to a half hour to exercise, but not long enough to force them to lie down on the cold ground.

PROVEN

907
HORNCO
Cattle Conditioning Feed
Medicated
For the prevention and treatment of the early stages of shipping fever complex.
ACTIVE DRUG INGREDIENT
Oxytetracycline ... . or 500 gm/ton .25 gm/lb.
INGREDIENTS
Ground Corn, Dehydrated Alfalfa Meal (preserved with ethoxyquin), Wheat Mid dlings, Dehulled Solvent Extracted Soybean Meal, Solvent Extracted Linseed Meal, Corn Gluten Feed, Corn Distillers Dried Grains, Calcium Carbonate, Wheat Germ Meal, Defluorinated Phosphate, Salt, Manganese Oxide, Iron Carbonate, Copper Oxide, Cobalt Carbonate, Calcium Iodate, Cane Molasses, Flaked Corn, Steamed Crimped Oats, Steamed Rolled Barley, Vitamin Supplements — Vitamin A Palmitate (with increased stability), Irradiated Dried Yeast, Choline Chloride, Folic Acid.
GUARANTEED ANALYSIS
Crude Protein, not less than ..
Crude Fat, not less than .
Crude Fibre, not more than
100 LBS. NET
MANUFACTURED BY
D. E HORN & COMPAN
YORK, PENNA.
4M-2-69-O.
703
HORNCO
BEEF PRODUCER-PLUS
Medicated
For Fattening Beef Cattle
ACTIVE DRUG INGREDIENT
Diethylstilbestrol 0.0022%
INGREDIENTS
Dehulled Solvent Extracted Soybean Meal, Corn Gluten Feed, Dehydrated Alfalfa Meal (preserved with ethoxyquin), Feeding Urea, Wheat Middlings, Cane Molasses, Defluorinated Phosphate, Manganese Oxide, Iron Carbonate, Copper Oxide, Cobalt Carbonate, Calcium Iodide, Calcium Carbonate, Salt, Zinc Oxide, Vitamin Supplements.— Irradiated Dried Yeast, Vitamin A Palmitate (with increased stability)
GUARANTEED ANALYSIS
Crude Protein, not less than 64%
(This includes not more than 53% equivalent crude protein from non-protein nitrogen)
Crude Fat, not less than 1.5%
Crude Fibre, not more than 8%
100 LBS. NET
MANUFACTURED BY
D. E. HORN & COMPANY, Inc.
YORK, PENNA.
2M-2-69-O.
(OVER)
702
HORNCO
BEEF PACKER-PLUS
Medicated
For fattening of beef cattle when fed according to directions for use.
ACTIVE DRUG INGREDIENT
Diethylstilbestrol 0.0011%
INGREDIENTS
Dehulled Solvent Extracted Soybean Meal, Corn Gluten Feed, Solvent Extracted Linseed Meal, Solvent Extracted Cottonseed Meal, Wheat Bran, Wheat Middlings, Corn Distillers Dried Grains, Cane Molasses, Feeding Urea, Defluorinated Phosphate, Manganese Oxide, Iron Carbonate, Copper Oxide, Cobalt Carbonate, Calcium Iodate, Calcium Carbonate, Salt, Vitamin Supplements — Irradiated Dried Yeast, Vitamin A Palmitate (with increased stability).
GUARANTEED ANALYSIS
ude Protein, not less than 32%
ls includes not more than 13.1% equivalent crude ein from non-protein nitrogen sources)
de Fat, not less than 2%
de Fibre, not more than 8%
TIONS FOR USE:
d at the rate of two pounds per per day. Each pound contains 5 ms diethylstilbestrol.
NG: Not to be fed to breeding or males. Discontinue use of this feed 48 hours before slaughter.
100 LBS. NET
MANUFACTURED BY
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Pa. Livestock Exposition Schedule

HORSE JUDGING SCHEDULE

Sunday, November 9

1 00 p m —Quarter Horse Halter Classes Quarter Horse Performance Classes 30 Minutes after completion of Halter Classes

Monday, November 10

8 00 a m —Arabian Halter Classes

6 30 p m —Arabian Performance Classes

7 00 p m —Quarter Horse Sale

Tuesday, November 11

9 00 a m — Appaloosa Halter Classes

7 00 p m —Appaloosa Performance Classes

Wednesday, November 12

7 00 p m —Appaloosa Sale

Friday, November 14

8 00 a m —Pennsylvania State 4-H Horse Show

7 30 p m —Pennsylvania State 4-H Horse Show

Saturday, November 15

8 00 a m —Pennsylvania State 4-H Horse Show

LIVESTOCK JUDGING SCHEDULE

1969 Beef Cattle

Monday, November 10

8 00 a m —Carcass Steers on Foot

9 00 a m —Junior Beef Breeding

9 30 a m —4-H and FFA Steers

Tuesday November 11

9 00 a m —Angus Breeding Cattle

9 00 a m —Open Class Steer Show

1 00 p m — Grand Champion Steer

1 30 p m —Continuation, Angus Show

2 00 p m —Feeder Calves

Afternoon and Evening—Polled Hereford Congress

Wednesday, November 12

9 00 a m —Hereford Breeding Cattle

9 00 a m — Polled Hereford Breeding Cattle

1 00 p m —Continuation, Hereford Show

1 00 p m —Continuation Polled Hereford Show

Thursday, November 13

9 00 a m —Charolais Breeding Cattle

9 00 a m —Shorthorn Breeding Cattle

1 00 p m —Continuation, Charolais Show

1 00 p m —Continuation, Shorthorn Show

1 00 p m —Feeder Calf Sale

Friday, November 14

12 00 Noon—Cattle Released

Sheep

Monday, November 10

9 00 a m —Carcass Lambs on Foot

11 00 a m —Truckload 15 Market Lambs

11 15 a m — Junior Market Lamb

1 30 p m —Open Market Lamb Classes

Tuesday, November 11

9 00 a m — Dorset Breeding Classes

9 00 a m —Hampshire Breeding Classes

1 30 p m — Suffolk Breeding Classes

1 30 p m — Cheviot Breeding Classes

7 00 p m —Hampshire and Suffolk Bred Ewe Sale

Wednesday, November 12

9 00 a m — Oxford Breeding Classes

9 00 a m —Southdown Breeding Classes

1 00 p m —Columbia Breeding Classes

1 00 p m —Shropshire Breeding Classes

3 00 p m —Corriedale Breeding Classes

6 30 p m — Eastern Seaboard Banquet

Thursday, November 13

9 00 a m —Rambouillet Breeding Classes

10 30 a m — Merino Breeding Classes

Friday, November 14

12 00 Noon—Sheep Released

Swine

Sunday, November 9

1 00 p m —Live Hog Evaluation Contest

2 00 p m —Carcass Barrows on Foot

Monday, November 10

8 00 a m —Open Class Barrows (by Breeds), Crossbred and Purebreds (of other breeds) Berkshire Poland China Yorkshire, Duroc Hampshire Spots and Chester White

1 00 p m —Open Class Barrows continued Truckload 6 Market Hogs

Tuesday, November 11

9 00 a m —Hampshire Breeding Classes

9 00 a m —Berkshire Breeding Classes

1 00 p m.—Poland China Breeding Classes

1 00 p m —Yorkshire Breeding Classes

Wednesday, November 12

9 00 a m —Chester White Breeding Classes

9 00 a m — Duroc Breeding Classes

1.00 p m. — Spots Breeding Classes

Friday, November 14

12 00 Noon—Swine Released

The first AFL championship game in 1960 between Los Angeles and Houston drew 32 183 fans

A LIGHT WEIGHT CHAIN SAW WITH POWER TO SPARE . . .

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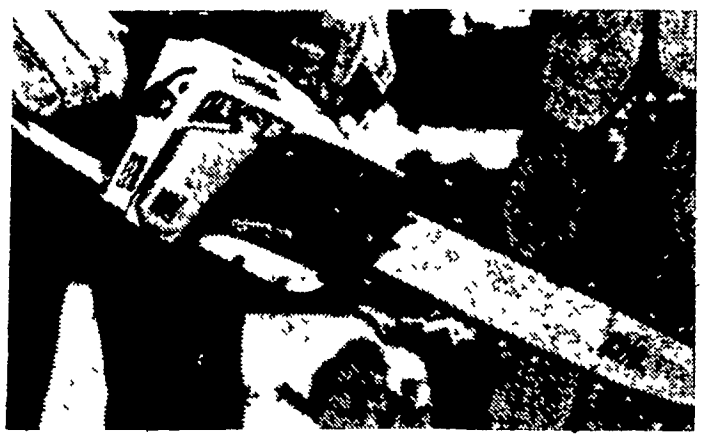

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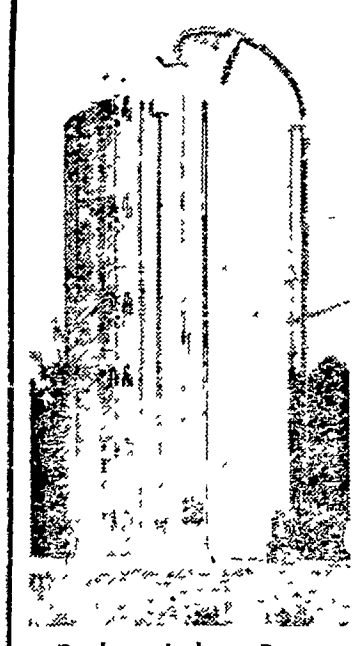

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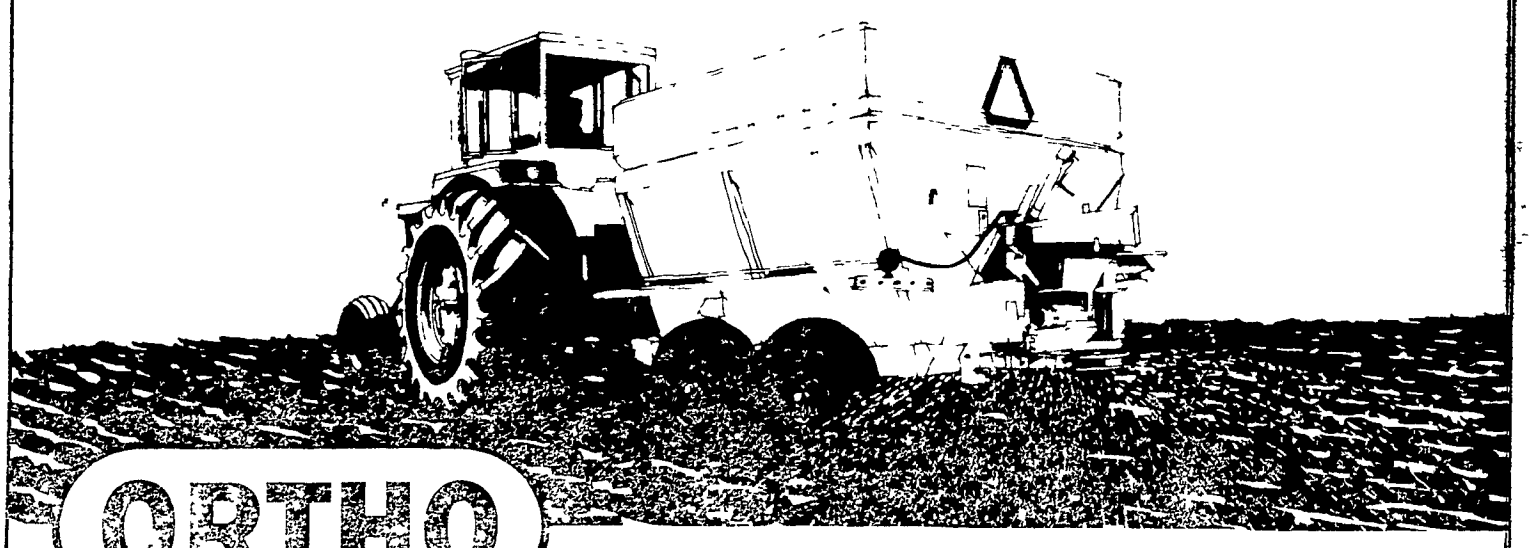
How much of the phosphate you apply is actually used by your crops?



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ASCS NEWS

1970 Agricultural Conservation Program

Enrollment in the 1970 Agricultural Conservation Program opened Monday, November 3rd

Funds will be allocated to farmers on a "first-come" basis, as a share in the cost of completing needed conservation practices on the farm The county allocation has not been received to date, but is expected to be about 10 percent less than the 1969 allocation of $103,000.

Practices include cost-share for establishment and improvement of permanent grass cover and woodland, conservation and disposal of water, temporary cover crops, wildlife conservation and beautification of unsightly areas For 1970, a new practice, Debris Basin, to preserve capacity of reservoirs, ditches, waterways and streams, and to prevent disposition of undesirable materials on bottomlands and developed areas The County development group has also requested approval for a practice for establishing permanent grass cover on field borders and turn-rows

Farm ponds and clearing crop land for establishment of vegetative cover have not been approved for the 1970 program Also payment will not be made for top-dressing of permanent grass if the soil test shows only nitrogen is required Payment for temporary cover crops has been reduced from 50 to 30 percent of the cost

As in 1969, the program emphasizes participation of low income farmers Cost share for all practices can be paid at 80% of the cost for low income farmers

Farmers are reminded that they must file application before starting a practice Since funds are limited, they should plan ahead and enroll now for what they will do next year

Practices that require the use of lime and fertilizer cannot be approved without a soil test made by the Pennsylvania State University

1969 Corn Loans

Farmers who participated in the 1969 Feed Grain program are eligible for price support loans on the 1969 corn crop at $1 24 per bushel

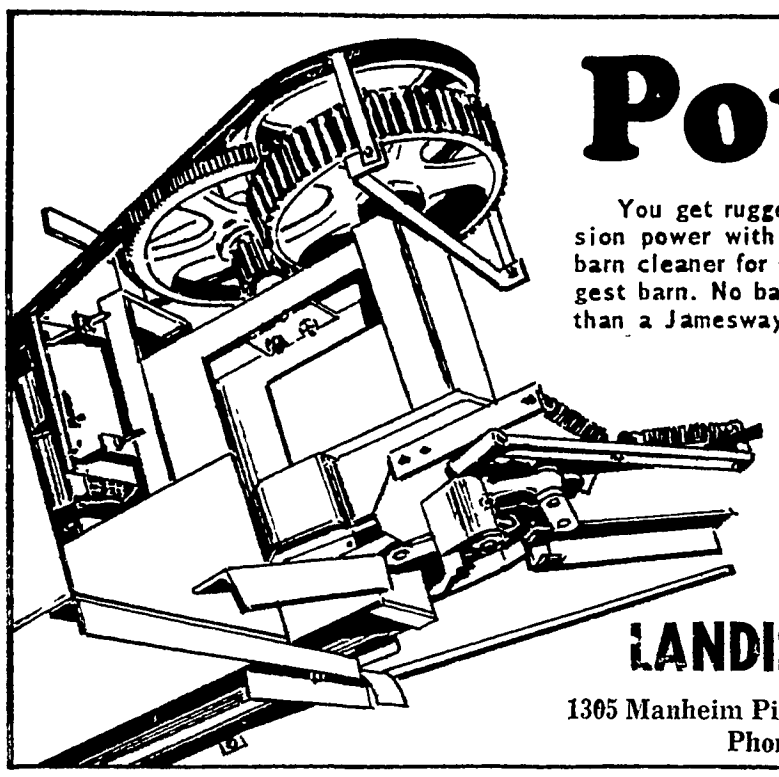
Wool Incentive Payments

Farmers who sold wool or unshorn lambs are eligible to file application for wool incentive payments They must bring the original sales slips signed by the purchaser to the office and file application

Applications for the 1969 marketing year must be filed by January 31, 1970

Measurment Service

Farmers who plan to enroll in the wheat or feed grain programs are reminded that they can be sure of crop and diverted acreages by requesting measurement service from the County office The cost of measurement is low compared to payments that could be lost by overplanting



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Farm Women

Society 27

Twenty six members of the Society of Farm Women 27 met October 28 1969 at the home of Mrs Roy Sauder Also present were guests Senorita Maria Garcia from Spain, Mrs Harold Brubaker, Mrs Marcia Shaffer, and Mrs Mary Sweigart

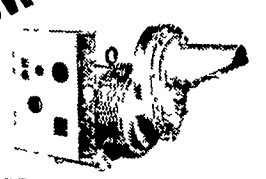
Mrs Robert Dunkelberger led devotions for the evening

The business meeting, led by President, Mrs Arthur Wenger, included various reports Roll call was "Something I would like to accomplish this winter" Society 27 decided to contribute $25 00 to aid "Victims of Hurricane Camille" Mrs Mary Fellenbaum was installed as a new member

The evening program was a 'Triple Workshop' with demonstrations on the preparation of "Hors d'oeuvres' by Mary Sweigart, "Yeast Breads and Doughnuts" by Mrs Arthur Wenger, and "Christman Angels" by Mrs. James Garber

Included with the refreshments, served by hostesses Mrs Roy Sauder and Mrs Wayne Miller, were the eye appealing tasty products of the food demonstrations

When Power Fails



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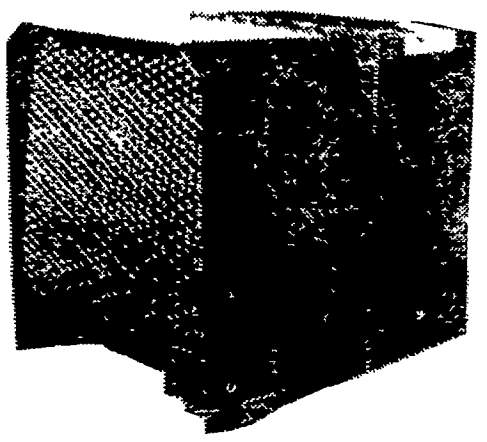

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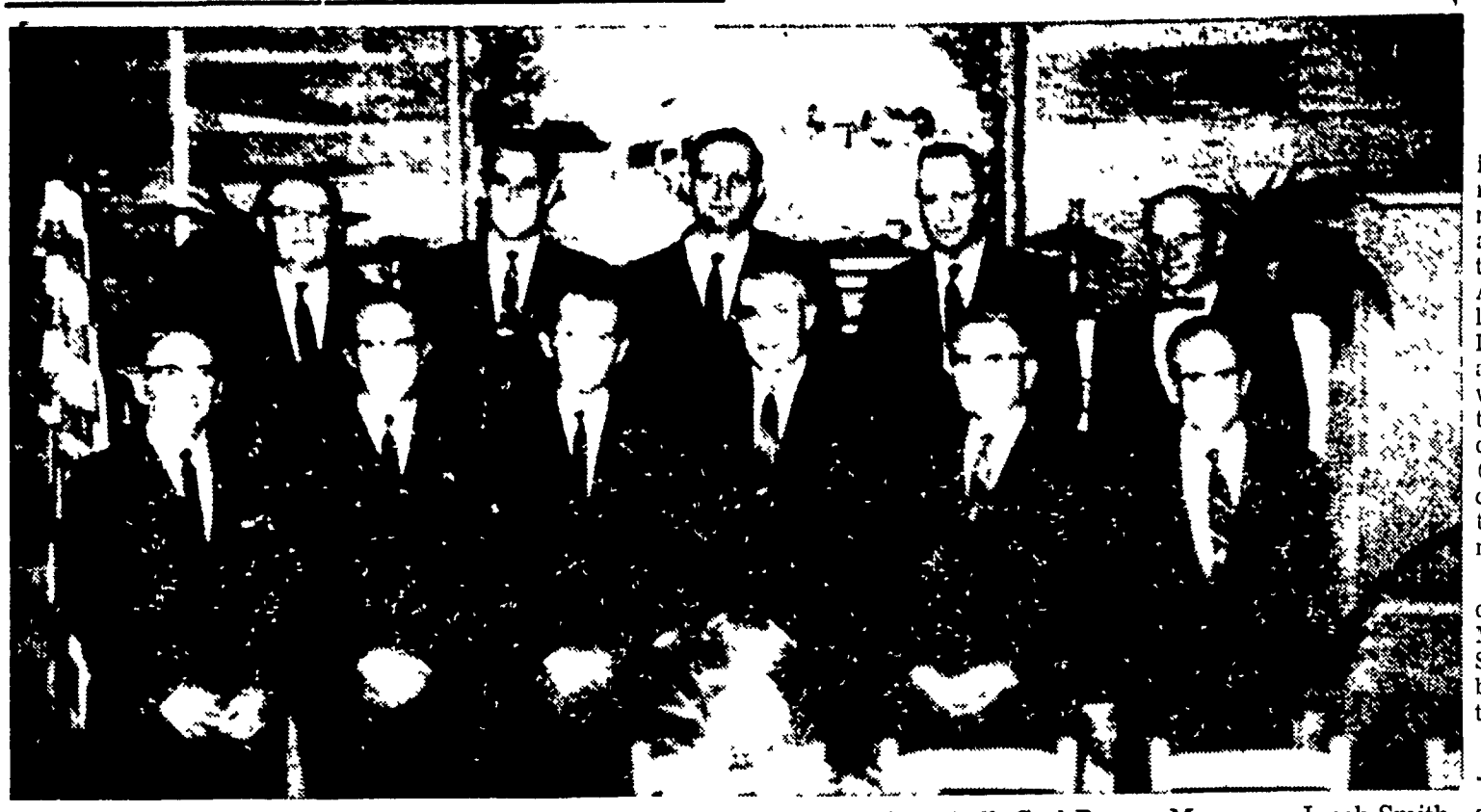

FARM CREDIT DIRECTORS, (left to right) Back row, Howard Kreider, Elvin Hess Jr., Richard Lefever; John Long, Homer Graybill. Front row, John Gibble, Wilmer Campbell, Carl Brown, Manager; Jacob Smith, Samuel Williams, Jr. L. F. Photo

● Credit

(Continued from Page 1)

may seem impossible," Brown said, "but it will be your own efforts that get you to your goals."

Guest speaker was Marvin Nissley, a member of the State 4-H Livestock Judging team He said that the type of steer that they now look for is different from past years The top steers are taller, with a longer body They have thickness, depth and are meaty in the high priced cuts In closing, Nissley gave an oral set of reasons, typical of what the team members must give when judging.

In the election of officers: Richard B. Lefever, Quarryville R1 and Samuel B. Williams, Jr., 2400 Fulling Mill Road, Middletown, were elected on the Federal Land Bank Assn.

In the Lancaster Production Credit Assn J. Homer Graybill, Manheim R3; Elvin Hess, Jr, Strasburg R1, and Wilmer B Campbell, Halifax R1, were elected

Lefever owns and operates 114 acre dairy farm in Drumore township. Is a member of Lancaster County Extension Association, Lancaster Production Credit Association and a director of Federal Land Bank Association. Is active in community affairs.

Williams owns and operates approximately 250 acres in Lower Swatara Township, Dauphin County. Has large herd of Jersey cows. Is a graduate of Penn State Has been active in Jersey Cattle Association, Southeast Artificial Breeders Cooperative of which he is a member of the Jersey Sire Committee, member of the Middletown Area School Board. Member of Lancaster Production Credit Association and a Director of Federal Land Bank Association.

Graybill owns and operates a 67 acre farm, with a son in Penn Township. Farm program consists of steers, tobacco, and potatoes. Is a member of Flying Farmers Association, past director of A S.C. and County Extension Association, member of Federal Land Bank Association and director of Lancaster Production Credit Association. Is active in community affairs

Hess owns and operates a 92 acre dairy farm in Strasburg Township. Is a member of Agway, Inc., State director and treasurer of Holstein-Friesian Association, member of Federal Land Bank Association and director of Lancaster Production Credit Association. Is active in 4-H dairy and beef and other community affairs.

Campbell owns and operates a 175 acre dairy farm in Halifax Township in Dauphin County. Is a member of Dauphin County ASC, President of Northumberland Guernsey Breeders Association Master of Fisherville Grange, member of Federal Land Bank Association and Lancaster Production Credit Association.

Extension Sets Meetings For Local Dairymen

Milk producers in Pennsylvania will be mailed a ballot regarding the Milk Marketing Development Program on December 3 according to M. M. Smith, County Agent and Victor Plastow, Associate County Agent. In a letter to all milk producers in Lancaster County this week, the agents said, "This referendum will give all producers a chance to vote on the proposed plan to deduct one-half of one percent (50%) from their gross milk check, less hauling Funds are to be used to promote the sale of milk.

"Our Extension Service is cooperating with our local Milk Marketing Committee and the State Department of Agriculture by scheduling four (4) educational meetings to discuss the

(Continued on Page 13)

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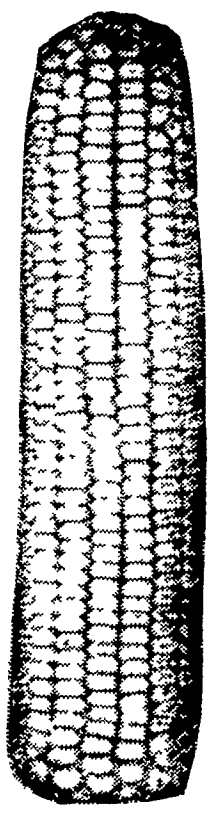

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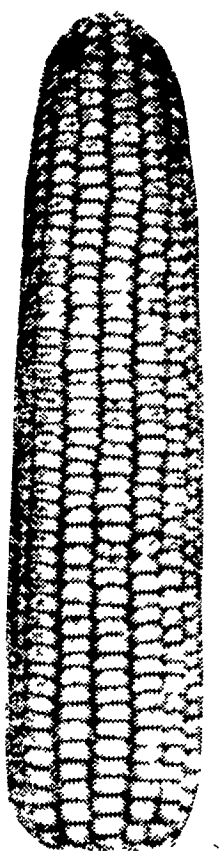

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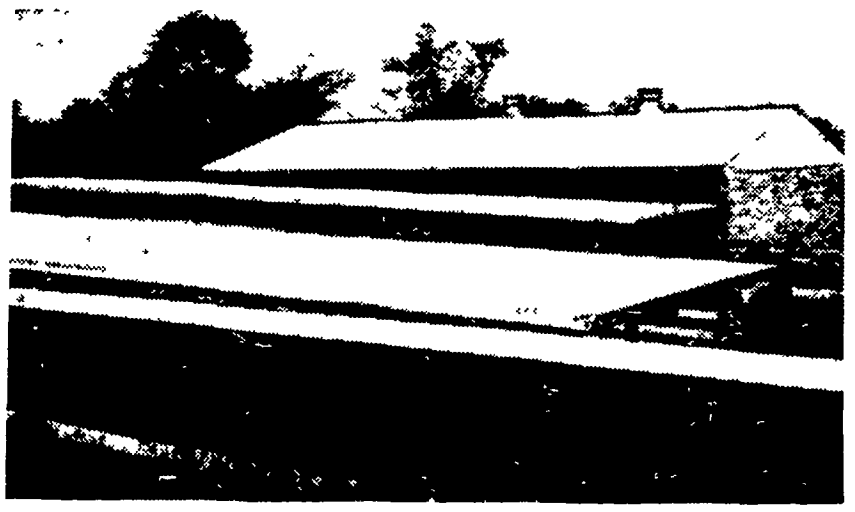
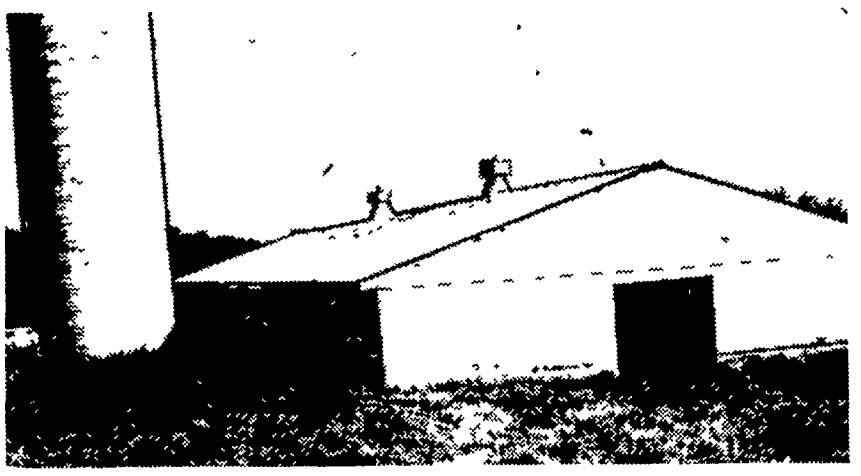
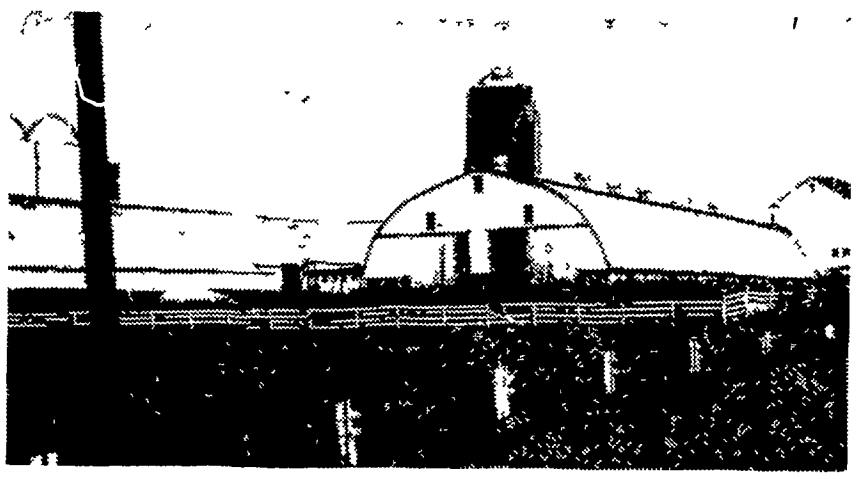


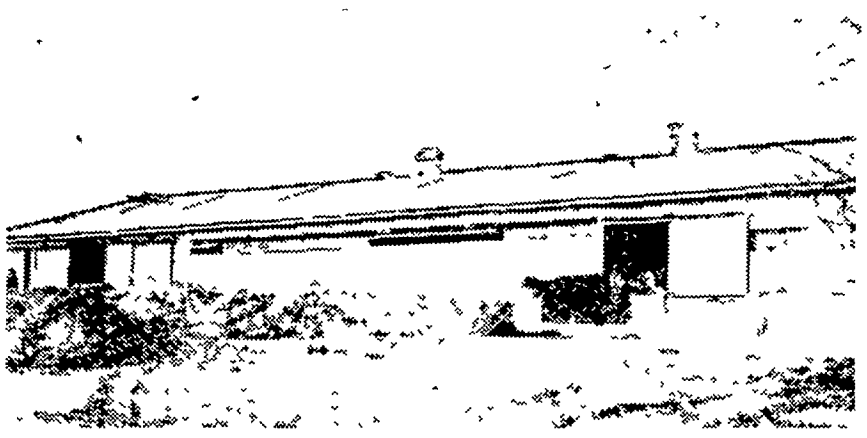
ARTHUR S. HESS
R. D. 1, LEOLA



RICHARD MAULE
R. D. 1, QUARRYVILLE



GRANT H. KEIFFER
QUARRYVILLE



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● Commodity

(Continued from Page 1)

Hedging

Hedging is a protective procedure designed to minimize the farmer's production losses that are due to adverse price fluctuations During the various stages of the ordinary growing or fattening period someone must assume the possibility of loss that unavoidably accompanies the ownership of the physical commodity This possibility is ever present as long as the farmer owns his commodity

The price of a commodity for future delivery (futures contracts) usually tends to fluctuate in parallel patterns with the same commodity that is being produced by the farmer So, he can become "hedged" by selling futures in amounts equivalent to his inventory of the same commodity in its actual physical form This is the most common form of hedging

The term hedging, as it applies to any commodity which has the benefit of futures trading, means the taking of such action as will result in offsetting possible losses in transactions previously made or about to be entered upon Actually, when expressed in terms of action, it involves one of the following

(1) The sale of one or more futures contracts to eliminate or lessen the possible decline in value of ownership of an approximately equal amount of the actual commodity This is called a "short" hedge

(2) The purchase of one or more futures contracts to eliminate or lessen loss from the possible advance in the value of the actual commodity not yet owned, and needed to fill processing or other commitments at set prices. This is a "long" hedge

Here is how it works Let's assume Tom Jones has a full corn crib and an empty pen for finishing steers Does Jones immediately go to the feeder cattle market and buy steers at whatever price is asked to pay on this particular day he happened to get the urge to buy? He may It is his money he is spending

But Reed suggests before he jumps into the pick-up truck and flys to the market, he take a moment, look at what the futures quotation is predicting the price to be for cattle in the month his steers will be ready for the fat cattle market Jones could find that information on the market pages of **Lancaster Farming**, of course He will see, if he looked last week, that Chicago cattle futures for the month of April are quoted at 29 10

This gives Jones an idea of what the people who have watched the market and its trends every day for many years believes steers will be worth in April. "No other businessman will go out and buy in when he has no idea what his product is going to sell for when it is ready for market," Reed said "So why should the farmer do that."

After Jones sees the future quotations, he figures how much it will cost him to feed the cattle and how much profit he is satisfied to receive. When he has this total, he slowly steps into the pick-up truck and drives to the market with a figure in his head that would be reasonable to pay for feeder steers. If the feeders can't be bought to make a reasonable profit, they should not be bought at all.

In our example, Jones buys steers, and has them trucked to his feed lot the same day.

Now, is Jones' worry about over? Well, not quite. Since he figured a profit into his steers before he bought them, his worries would be over if he knew the price was not going to go down. But sometimes it does, so here is where the farmer can use the futures.

If he is truly sure that the profit figured at the current futures quotation will be satisfactory, he can sell his steers on paper the same day he buys them by selling a futures contract through a broker.

The Futures Contract

The mechanics of commodity futures trading are easier to grasp when you understand the **futures contract.** It is called a futures contract because it requires delivery of a commodity in a stated month in the future if not liquidated before the contract reaches maturity

The rules and by-laws of the commodity exchange, where the trade takes place, is an implied part of each transaction

Trading on the futures markets is fast and smooth because every futures contract for a specific commodity is identical as to quantity and quality provisions. Thus, as far as the futures trader is concerned "wheat is wheat" and "beef is beef" Every live cattle contract is for 40,000 pounds of choice grade steers and every wheat contract is for

(Continued on Page 11)

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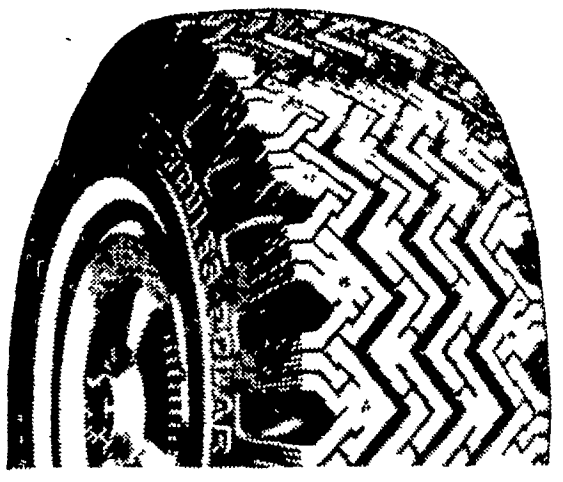

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● Commodity

(Continued from Page 10)

5,000 bushels. Every commodity has its own size contract but the quality provisions with in each commodity are identical. The basic grades are those recognized as in most general commercial demand On most exchanges, delivery is permitted of superior or inferior grades at fixed premiums or discounts

However, the average trader is rarely interested in taking or making delivery Almost invariably, he closes out his position in futures delivery contracts before they mature

In the case of our example Jones would sell his steers through his favorite local market place when they were finished in April and at the same time buy back his futures contract But regardless of how the market went, he still had his same original profit expectation locked in If the price of live cattle declined from when he bought them, he would take less for his steers at market but make it up when he bought back his futures contract If the reverse were true — cattle prices increased — Jones would get more for his live cattle but lose the increase when he bought back his futures contract Either way he would have insured his profit at the beginning of the venture and reduced his risk considerably

For the person such as a feed miller, the hedge is used in the opposite manner If the miller needs grains or soybeans etc , for his mix, but doesn't have enough storage or ready cash to make the full purchase on a favorable market, he can buy futures contracts to cover his expected needs Then when he actually needs the grain, he buys it from local sources and if the price has increased, by selling his futures contracts, the advance is off set so that his net cost is at the former favorable price

The Speculator

In any discussion of the futures market the speculator must also be mentioned He is the man who risks his money in the market and through free trading in a free market, helps make the market In fact, the market would not exist without the speculator Usually, the number of producers wishing to sell commodities for future delivery is not exactly equal to the number of buyers for his commodity on a given date So the speculator steps in and buys with the idea of selling to the final buyer at a profit in the future And when a number of these speculators bid against each other for the producers commodity they actually create a better market

And just in case you think the speculator is the one who makes all the money, you will be interested to know that in a booklet telling speculators how to do it, figures show that only 25 percent of them end up with a profit The rest lose Evidently, it is about like farming — up and down

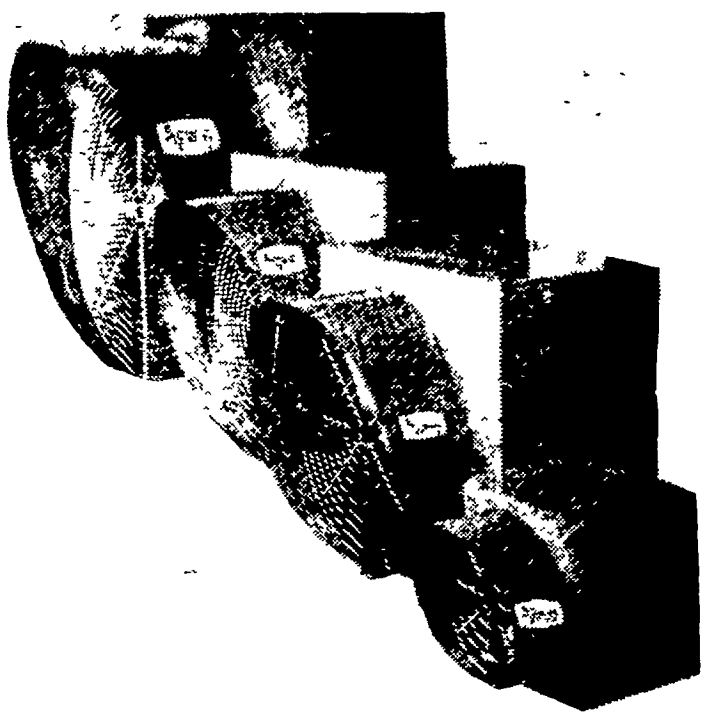
Basically, this has been a report of the discussion on the farmer's possible use of futures trading as given in the recent Vo Ag teacher's classes Further inquiry should be made if expanded information is needed

Artificial Meat

My first opportunity to eat any artificial meat was appreciated but not exactly enjoyed, my taste buds failed to find any similarity between the manufactured food that I was eating, and the beef and pork from the real meat animals I sincerely hope that the average consumer will not accept this substitute at the expense of the livestock industry In comparison with the cost of many other foods and household items meat is not too expensive today and the producer is not getting his share of the consumer dollar for the product

AGWAY

VENTILATION FANS



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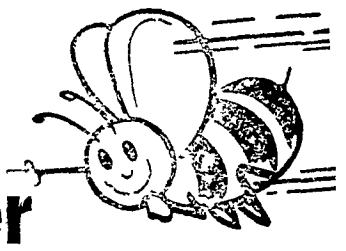

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PURINA CHOWS

● Marek's

(Continued from Page 1)

poultry industry in Georgia approximately 18 to 20 million dollars

Until recently there were no tests to determine whether a flock of birds was presently infected or had ever been infected with Marek's disease Research workers in England using the agar gel diffusion technique demonstrated a precipitin reaction between sera from MD infected birds and an antigen prepared from tissue culture cells infected with the MD agent They found the precipitating antibody in the blood of day-old chicks from MD positive dams which was probably due to passive transfer through the egg, however, it does not appear that this antibody offers any protection against MD

At the present time there are no means (on the market) to control Marek's disease, however until geneticists can develop a more resistant bird, new approaches for control must be taken Therefore, the subject of this paper is several possible means for controlling Marek's disease.

Controlled Exposure Using Old Litter

Time, method and degree of exposure to the Marek's agent, in the opinion of Dr Don Davis and Dr Frank Siccardi are the keys to successful vaccination Litter seeding appears to be the simplest method of controlled exposure. This litter is taken from hens that are shedding the virus and if day-old chicks are uniformly exposed and the dosage is not too high, then they are able to overcome the disease

However, I would like to point out that controlled exposure could be dangerous (1) When you do not know whether the litter even contains the MD agent and if it does then how much do you have in the litter (2) Does the exposing material contain other, possible more harmful, disease agents?

There is much evidence which would indicate that reused litter helps to reduce MD condemnations, however, there are other researchers with data which would indicate that reused litter does not lower MD condemnations At the present time the use of old litter to reduce MD losses is confusing My suggestion would be if you are having high MD losses and you have nothing to lose then try it, but if your losses are low then I would suggest staying away from the use of old litter for MD control

Immunization Against Marek's Disease Using an Inactivated and a Live Attenuated Virus

The GA Isolate of MD has been passed many times in cell culture which resulted in the loss of its oncogenic potential for the chicken Birds inoculated at day of age with the attenuated virus are protected when challenged with infective plasma This would offer further evidence that herpes-type virus is the causative agent of MD.

Birds inoculated at day of age with a "killed" virus preparation are also protected when challenged with infected plasma

It would appear that a live attenuated MD vaccine could be made available in the near future, however, whether the USDA will allow a live virus vaccine of this nature to be sold can only be answered by the USDA

Controlled Exposure With Infective Plasma

Of the 1,400 one-day-old chicks of the parental population injected with the GA isolate, 69% died as a result of MD by 20 weeks of age The mortality ranged from 51 to 93% for sire families Peak mortality occurred between 8 and 14 weeks postinoculation The mortality in the males was 66%, while that of the female was 74% Cole (1968) found that the female White Leghorn was more susceptible to inoculation with the JM agent The MD mortality of the selected families (1, 21, 28, 30) were 69, 61, 53, and 55% respectively Four percent mortality was observed in the control parental population, all of which occurred after 14 weeks of age. There was no mortality attributable to MD in control families, 1, 28 and 30; however, 3 birds in family 21 were found to contain MD lesions

The inoculation of the parental population with the MD agent should remove the most susceptible individuals from the breeding population so that they would not contribute offspring to the next generation If the response of the ACRB stock to injection with the GA isolate has a heritable basis, then the progeny of the remaining breeders should be more resistant to injection than those from uninjected families Mortality in the progeny of the inoculated parental population was 26 8%, while that of the progeny from uninoculated controls was 42 8% with the peak mortality for both groups of progeny occurring between 7 and 11 weeks postinoculation. These differences were highly significant, indicating that resistance to MD in the progeny could be obtained by inoculation of the parental population if the criterion was mortality Although the total lesions of the progeny from the inoculated parental population were less than for the uninoculated ones (42 5 vs. 52 2%), these differences were of much smaller magnitude than mortality and not significant. Thus, in a selection program, birds selected for resistance to death, only, might show gross lesions which would condemn them on processing

Control of MD by Raising Chicken in Positive Pressurized Houses

This paper is presented in responce to the widespread interest in complete enviromental poultry housing and to discuss how four cardinal principles, (1) strict sanitation, (2) isolation, (3) air filtration and (4) positive pressurized poultry house, are utilized to control losses to MD among birds in an experimental poultry flock.

Approximately 200 cockerels of the 687 birds reared in the filtered air, positive pressure houses were necropsied for MD examination during the 40 week observation period None have died of the disease and no signs or lesions were observed in those examined Vaccination or medication was not contemplated in the design of this project and there has been no outbreak of any disease The MD mortality results of birds reared in the above house and results of rearing birds in a similarly constructed house without filtered air and positive pressure.

● Farm Calendar

(Continued from Page 1)

7:30 P M —Agway Garden Spot Annual Meeting, Farm and Home Center.

Wednesday, Nov. 12

12 13 — Pennsylvania Young Farmer Convention, Penn State.

5:15 P M —Lincoln 4-H Community Capon Exhibit, Legion Hall, Ephrata.

6 45 P M — Lancaster County Holstein Banquet, Farm and Home Center.

Friday, Nov. 14

14-15—State 4 H Horse Show, Farm Show Bldg., Harrisburg.

6 45 P M. — Lancaster County Guernsey Breeders meet, Spanish Restaurant, Quarryville.

With today's prices, it seems as though the nickel has gone the way of all other buffaloes.

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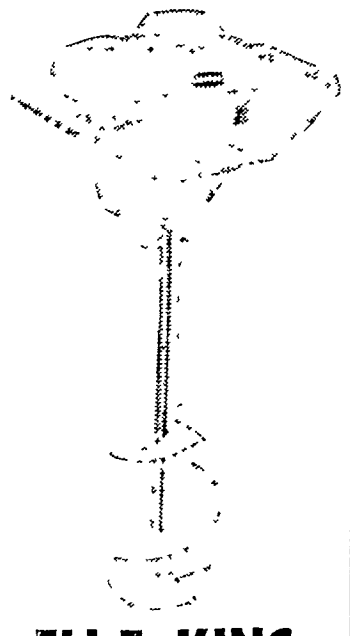

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Agway Inc.

Annual Meeting

Monday Evening, Nov. 10, 1969

7:30 P.M.

Farm & Home Center, 1383 Arcadia Road, Lanc.

- **Guest Speaker — Glenn E. Edick**
- Reports on Operations
- Election of four member committeemen
- Vocal selections by the "Trebleaires"

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11 50 gal gasoline
12 Inside-Outside thermometer
13 Hand saw
14 1 gal paint remover
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17 25 lb Agway cleaner
18 1 gal paint remover
19 1 set jumper cables
20 1 gal plastic roof cement
21 1 case motor oil
22 1 - 5 gal gasoline can

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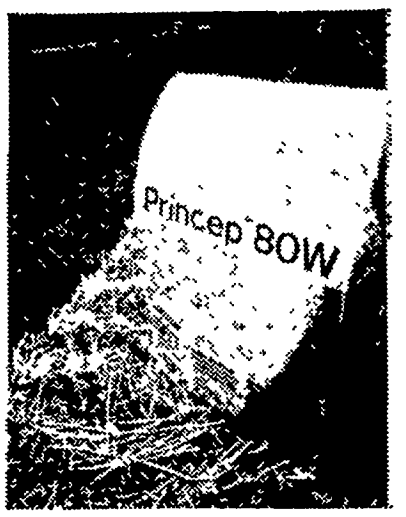

Spraying Princep™ 80W on dormant alfalfa this fall, can give you better quality, high-yielding alfalfa next year.

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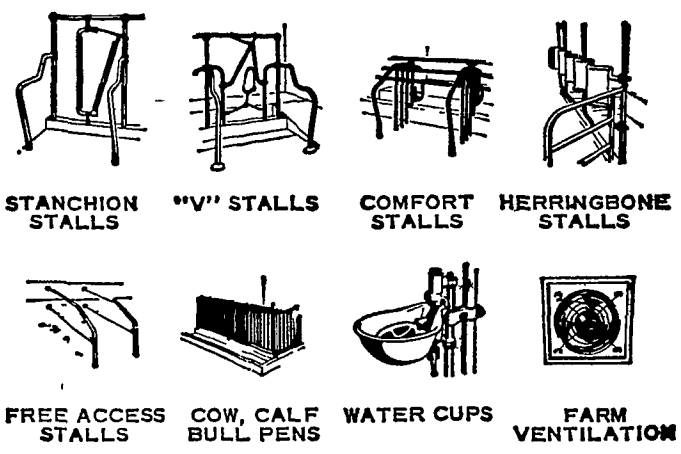

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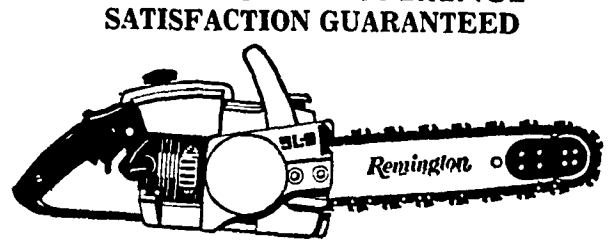

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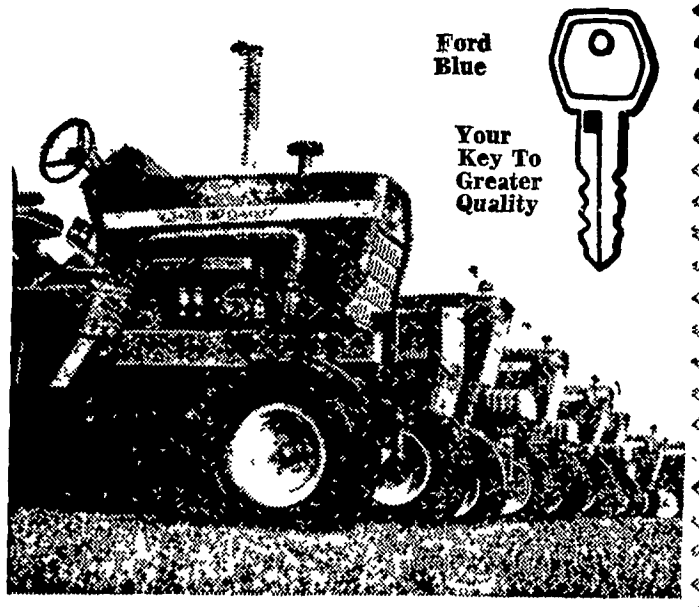

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NEW HOLLAND, PA. PHONE 354-2214

The Mothers

(Continued from Page 1)

the operation to be strictly dairy, miniature style.

A typical milk goat averages two to six quarts of milk a day and is fed regular goat chow and alfalfa or good mixed hay. It takes the Fishers about one hour to complete the milking and the oldest milk goat they have ever had was 16-years-old. But mostly, they only stay in the herd until they are 8 or 9-years old.

The stock is registered in either the American Dairy Goat Assn. or the American Goat Society. Jacob is president of the Pennsylvania Dairy Goat Assn. and the family participates in the activities of the Southeastern Pennsylvania Dairy Goat Assn.

For young John, who is president of the Lititz-Manheim 4-H Community Club, it's pigs and not goats for projects "There is just no competition in goat projects" he says John also has abilities in art and drawing, and hopes to study commercial art when he graduates from Manheim Central High School in 1971.

For tourists who visited The Dutch Wonderland, this summer, five frisky kids on loan from Windy Hill Farm, greeted them at their Lincoln Highway East play yard But if you want to see the kids at home, Mrs Fisher says you are welcome Oh, yes, you might even get a sweet taste of goats milk like this editor did.

Bones are stronger because they are hollow.

Extension

(Continued from Page 8)

above program. They are as follows:

Tuesday, November 18

1.45 p m — Hostetter's Banquet Hall, Mount Joy

8 00 p m. — Auditorium, Farm and Home Center, 1383 Arcadia Rd , Lancaster

Wednesday, November 19

1.30 p m — Liberty Fire Hall in New Holland

8 00 p m. — Auditorium, Solanco High School, Quarryville R1.

Speakers

William F. Johnstone, Agricultural Extension Economist The Pennsylvania State University, **William H. Juzi,** Manager, Pennsylvania Guernsey Association Camp Hill, Penna, **William F. Roberts,** Fieldman, Atlantic Dairy Association Lancaster, Penna

"With this type of an election it is very important that all producers become acquainted with the program, give it considerable evaluation, and then vote in the referendum. Acceptance of the program requires a "yes" vote from at least two thirds of those voting, and representing not less than 50 percent of the production of those voting.

"All milk producers are urged to attend one of these meetings We are interested in presenting all of the facts so that you will be more knowledgeable about the program, and to encourage you to take an active part in this referendum," the letter said.

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Game Report

Southeast Division — Supervisor T. A. Reynolds — Hunting conditions ideal Excellent harvest of pheasants so far, with many left Good rabbit hunting throughout the Division. Some turkeys and grouse in mountainous areas Foliage still heavy but almost all the corn has been harvested Good waterfowl supply, particularly geese.

Southcentral Division — Supervisor W A Hodge — Region generally wet but due to clear by Saturday Roads good Foliage down fairly well, with about 70 percent of corn harvested. Many turkeys in mountainous areas, with good pheasant hunting in the lower counties Best supply of rabbits in years. Grouse are spotty — fine in some areas, scarce in others.

Southwest Division — Supervisor G. L. Norris — Rains have left water standing in low spots, but weather seems to be clearing up for weekend. Leaves are coming down, which aids visibility, but there is much standing corn yet. Roads are no problem. Pheasants in good supply — better than last year. Good rabbit supply, though heavy grass and low ground cover sometimes make them difficult to see. Good turkey hunting.

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Sale Register

EVERY FRIDAY—Stockers and Feeders—Shenandoah Valley Va. Cattle. Staunton Union Stock Yards, Inc. Staunton, Va.

SAT. NOV. 8—10 A.M. Martin's Sale Stables, Blue Ball, Pa. 100 head racing ponies. Dispersal and consigned. Equipment at 10 a m. Ponies at 12 noon. Paul Z. Martin.

SAT NOV. 8—11 A.M. Public Sale of Valuable Farm Machinery and Personal Property at R D. #1, Wrightsville, Pa., approx. ½ mi S. of East Prospect in Lower Windsor Twp., York County. Terms by Paul P. Sechrist.

SAT NOV 8—11 30 A M Public Sale of Household Items, Antiques. Farm Equipment located ½ mi. S. of Columbia Ave , 1 mi E. of Mountville. Pa along Hershey Mill Road Sale by Abram R. Sheaffer, Columbia R2, Pa.

MON. NOV. 10 — Wayne Kennedy Angus Sale, Kimball, Nebraska.

TUES NOV 11 — 7 45 P.M. Penna Hampshire Sheep Assn. Bred Ewe Sale sheep arena, Farm Show Building, Harrisburg, Pa

THURS NOV 13—8 P M Public Dairy Cow Sale located 5 mi N. of Rt 222 along 897, 2 mi N of Reinholds Sale by Vernon and Ray Kline

FRI NOV 14—1 30 P M Feeder Cattle and Calves Sale by Blue Ridge Livestock Sales, Inc, Charles Town, W. Va

FRI NOV 14—8 P M Public Auction of 60 Reg and Top Grade Holstein Dairy Cattle to be held in the dairy barn arena at the Aberdeen Sales Co. in Churchville, Hartford Co., Md. located on Md. Rt 22, 6 mi. east of Bel Air, Md Sale managed by Aberdeen Sales Company.

SAT. NOV. 15—9 A M. Public Sale of Valuable early steam engine parts and steam and traction engines located at Kinzers, Pa , east of Lancaster along Rt. 30 Sale by Kinzer Equipment Co

SAT. NOV 15—12 45 P M. Diller and Stoltzfus Registered Holstein Sale located along Rt 222, 6 mi. S. of Lancaster on the Carl Diller farm Sale by Carl Diller and John J Stoltzfus.

MON. NOV. 17—S & W Ranches' Sale, Purdum, Nebraska.

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Sale Register

MON NOV 17—At Martin's Sale Stables, Blue Ball, Pa Dispersal of Arabian Horses for Mrs D G Steeley at 2 p m Standardbred, consigned horses and ponies, hitched at 1 P M Tack sold at 5 P M Horses at 7 P M Terms by Gene Shirk and Larry Martin Phone 717 354-6671

TUES NOV 18—2 P.M. Public Sale of 104 acre farm more or less, 24 comfort stalls located 2½ mi N. of Churchtown on Rd leading to Pebble Rock near Zerbe Sisters Nursing Home, Caernarvon Twp, Lancaster Co. Main entrance to farm from Rt. 823, rear entrance from Rt. 888. Inspection of property Sat. Nov 8 1 to 3 P M Terms by Martin and Laura Huyett.

THURS NOV. 20—2 P.M. Privately owned grocery and notion store known as Burkholder's County Store located along Rt. 23 in the Village of Groffdale, 1½ mi. W of New Holland, Lancaster County, Pa. Inspection permitted during store hours Mon., Tues., Wed and Sat. 8 A.M to 6 P.M. Thurs. and Fri. 8 A M. to 9 P M. Will be sold in two parts with equipment or equipment separately Terms by Elam K Burkholder

FRI. NOV 21—1 P M. Special Stocker & Feeder Sale by Lancaster Union Stock Yards in the Sales Pavilion

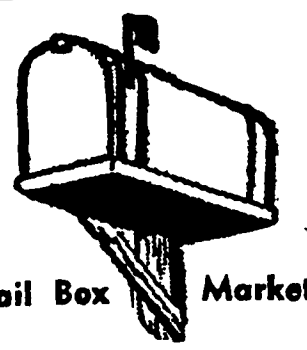
SAT NOV 22—1 P M Feeder Pig Sale by Melvin M Martin located along the Brubaker Valley Rd leading from Rt. 322 at Clay to Rt 501.

SAT NOV. 22—10.30 A M. Public Sale of Farm Machinery and Household Goods 1½ mi. S. of Conestoga, off Shenk Ferry Rd, 10 mi. S W. of Lancaster using Rt 324 Terms by Henry Souders

SAT. NOV. 22—11 A M. Public Sale of Livestock and Farm Equipment, Corn and Grain located just off Rt. 743 leading from Elizabethtown to Maytown along Bossler Road. Sale by Mrs. Edna H Sauder.

MON. JAN. 26, 1970—Sugar Loaf Sale, Staunton, Va., Div. of Shalce, Inc.

SAT. MAR. 21, 1970—Black Gold Farm's Sale, Forest River, No. Dakota.



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Wanted—Used typewriter Call 569-3550

Sale Register

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Mail Box Market

For Sale—Heavy duty drill press ideal for shop work, reasonable. Also building 11' x 12' insulated, storm door, gas heat, ideal for a small business, work shop, office or cabin, reasonable. Elam Z. Zimmerman, along Wood Corner Rd. near Lincoln, Lititz R#4 Phone 733-4466.

For Sale—McKeen snow blower, double auger, 3 point; large V snow plow; AC 45 tractor loader with snow shovel Reuben Weaver, Jr Phone 733-8708

For Sale—30 gal gas water heater and a 275 gal fuel oil tank with gauge Both in good condition Floyd H Ranck, Box 437, R D #1, Paradise, Pa 17562, Phone 442-4949

For Sale—Home grown clover seed State inspected, $30 00 per bu Joe H Zimmerman, Leola, R1, along Rt. 772 close to Carpenter's Church

Wanted to Buy or Rent—40 to 50 cow farm with good buildings. Roger Tucker, R#2, Mohawk, N Y 13407.

Wanted to Buy—Sows or Gilts that will farrow within next month. Also mature boar. Phone 665-4284.

For Sale—Holstein Bulls, breeding age. Wilmer Esbenshade, Willow Street R.D #2, Phone 464-3188.

For Sale—3 Hampshire breeding rams Contact H. J. Showalter, 109 Fulton Street, Akron, Pa.

Livestock For Sale

For Sale — Purebred Yorkshire bores, bred gilts and open gilts. Carcass championship bloodlines. Willow Glen Farm, R.D. 1, Strasburg, Pa. Ph. AC 717-786-2562.

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$189.50 free adding machines if yours got one of the serial numbers, or a special big trade allowance on your old junker. Call evenings 215-445-6409.

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For Sale—German Shepherd Police pups. Elam E. Lapp, Christiana R1, Pa 17509. 1½ miles south of Nine Points.

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For Rent—Farm house 7 rooms and bath, oil hot water heat, South of Lancaster with opportunity to take over 45 to 60 cow herd on shares in near future. Write Box 266A, % Lancaster Farming, Lititz, Pa.

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500 gal. Girton bulk tank; 300 gal. Girton bulk tank, McD. No. 1 approved.
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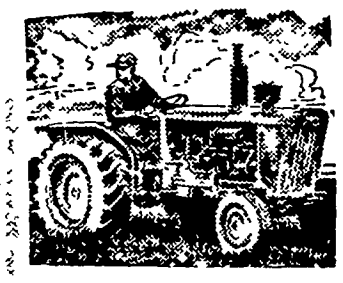

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waiver of interest until March 1, 1970, or later on some items.

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USED EQUIPMENT — End of year clean-out: waiver of interest on many of these items. Combines — 1968 JD45 w/10 ft. platform; 1963 JD45 w/cab with 210 corn head and 12 ft. platform; 1959 JD45 w/210 corn head and 10 ft. platform. Tractors—AC-WC; Case—VAC w/cultivator; Ferguson 35; Ford—8410, 2000D; Fordson MD; IHC — Farmall A, H, 5040G, TD-9 Crawler; John Deere — L, LA, H, B, A, 720D; Plows, disc harrows; springtooth harrows; cultipackers. Grain drills — Case 13 disc, Oliver Superior. Hay Equipment — mowers; rakes; hay fluffers; balers. Forage equipment — NH611, 717; Fox — 2 row; IHC-20C. Manure loaders — JD45; Ford-703; Ferguson; Freeman-fit Ferguson 35. Flail shredders — Case and Brady 2 row; other items too numerous to mention.

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Tractor chains; Stalk shredders; flail choppers, PTO hammer Mills; Feed-Grinder Mixers; Manure spreaders-Tractor, horse drawn, liquid tank type, disk Harrows, Farmhand wheel rakes; large selection of wheel and crawler tractors and loaders
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According to results published in the U.S.D.A. 2-year combined summary of Random Sample Egg Production Tests, 1966-67 and 1967-68, **Babcock Beat All Competition In Income Over Feed and Chick Costs.**

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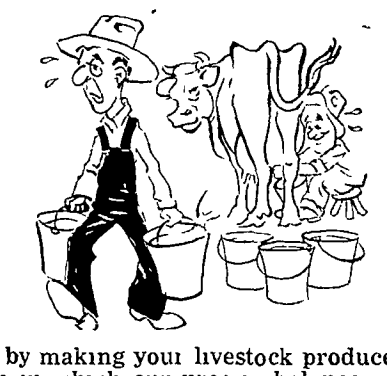

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AGWAY 800 — One of the highest yielding, full season grain and silage corns in Agway territory today High yield is tied in with ear height and with high yield and high ear, some late standability as a grain corn is sacrificed. However, the high grain yield fits in with the large stalk, giving an excellent grain to stalk ratio resulting in high T.D N silage of excellent quality The very best silage corn available today. The highest grain yielding corn with some allowance for less standability.

118 DAY

AGWAY 590-X — A new single-cross in our line-up for 1970 Runs 7 days earlier than 724. Excellent standability, stands high populations, with high yields. Low ear. For those farmers who want a shorter season corn of smaller size In this maturity class it will not yield with 724, but will fit many situations

125 DAY - Our" No. 1" Grain Corn

AGWAY 724 — A medium-tall stalk, ear uniform at 3½ feet to shank, about a day or two later than 654. About 3 days earlier than Agway 800 This is a high yielding, excellent standing grain corn. Ear is long, tapered and nice looking Excellent grain to stalk ratio gives yield of both high tonnage and high T.D.N. silage. Our best dual purpose dairy corn.

NEW! Agway 733

AGWAY 733 — A high yielding good standing corn, a day or two longer season than 724. This simulated 3-way cross has shown excellent T D N. yielding ability by extension test and should be given a good testing where silage is tested. Plant is very uniform, of medium height with ear about 3½ feet to shank.

INDIANA 654 — A widely adapted, stalk rot resistant corn, Medium sized plant with ear 3½ feet at shank. About 3 - 4 days earlier than Agway 800. Consistantly high yields, with great adaptability to varying soil types has made 654 one of our most popular corns. Stands high plant population without going blank and in bad drought makes a small perfect ear instead of a nubbin. Has small cob, so occupies less crib space and dries down faster. Excellent silage corn when grown at high populations.

AGWAY 703 — A medium season corn of excellent standability and high yield. Ear 3 - 3½ feet at shank, medium height grain corn. Performs well at high plant populations and makes a small ear rather than going blank in drought. Widely adapted type corn that is consistant.

122 DAY

AGWAY 747 — Excellent standing, low ear, simulated 3 way cross Ear 2½ - 3 feet at shank, medium-short grain corn, about 2 days earlier than Agway 703 and 4 days earlier than Ind. 654. Dries down rapidly

Agway seed corn varieties are disease and insect treated

All Agway hybrid seed corn is treated against disease and insects. This may mean the difference in cold, wet weather, between having a stand and not having one

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SECOND SECTION

Egg Marketing Clinic Features New Techniques

"Egg breakage is the biggest gripe in the markets today," said Edward W. Priebe, Jr. of the Egg Consulting Service, Wilmette, Ill.

Speaking at an egg merchandising clinic in Baltimore this week he continued, "The egg industry has made great strides, and its products are the finest in the world — but there is still room for improvement Profit must be the primary objective of the egg man, and egg breakage, besides irritating the store manager and consumer, takes a chunk out of profit"

"Anyone who doesn't have a profit motive in his marketing program," he continued, "might as well throw his business away."

Later in the program, an ex-professional football player warned the merchandisers to watch out for tricky salesmen, saying. "They are like the sirens in Homer's Odessy"

"Too often salesmen will talk store owners into giving a product more space than it really warrants," said Tiny Hemstra, once a center for the Chicago Cardinals National Football League team and now manager of Federated Egg and Poultry Sales, Inc. of Cleveland, Ohio "This hurts not only the other producers, but the store owner as well, for in many cases this decreases consumer appeal in the dairy case, and profit as well"

"In a recent survey conducted by my company," he continued, "eggs were found to generate more profit than anything else in the store And yet, in some stores, the eggs were put back

(Continued on Page 18)

Fertilizer Trade Association Merger

A resolution calling for the merger of three fertilizer trade associations of the industry was adopted recently by the Board of Directors of the National Plant Food Institute (Washington, D C), with the new organization to be known as "The Fertilizer Institute"

The Board of Directors of the other trade associations yet to vote on the merger are the Agricultural Nitrogen Institute (Memphis, Tenn) and the National Fertilizer Solutions Association (Peoria, Ill)

Following approval by the Board of Directors of all three associations, the question of the merger must be approved by a two-thirds majority of the members of all three or two associations

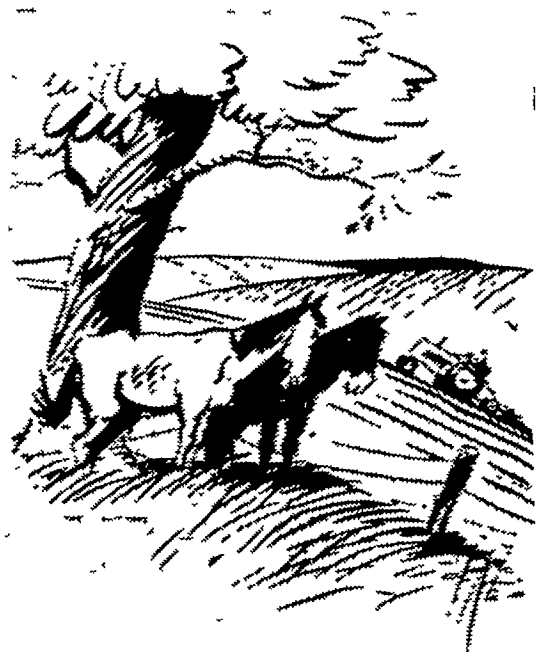
Recommendations for uniting the three fertilizer trade associations were developed by a seven-man committee representing directors of ANI, NFSA, and NPFI.

E N Shelton, NPFI Board Chairman (Tennessee Corp executive) said that "A strong trade association representing all segments of the industry is a determined goal of all industry leaders who recognize that unification is essential in order to cope with new problems and keep abreast with industry developments of today."

Urging a favorable vote by members of all three associations he said that "each organization has been responsive to changes dictated by newly-developed needs of a continuously growing industry, thus, we are confident of a favorable vote on the plan of merger"

Admiral Byrd transported the first American flag to the South Pole wrapped around a stone taken from the grave of Floyd Bennett, companion on his flight over the North Pole.

Conservation Corner



"IF HE IS SO BLAMED MODERN, HOW COME HE STILL FARMS UP AND DOWN HILL?"

Robert K. Rohrer

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Barn Cleaners - Silo
Unloaders - Cattle Feeders

Quarryville, R. D. 1

Hensel 548-2559

10% extra daily gain—on 8% less feed

...with Ful-O-Pep Super Cattle-izer Beef Supplement

We've got the figures! Over 175 lots of steers and heifers have been fed Ful-O-Pep Cattle-izer at the Ful-O-Pep Research Farm. The usual improvement was 7% to 12% in daily gain . . . on 6% to 10% less feed per cwt. gain . . . with usual *net return of $3 to $7 more per head!* Comparison lots were fed exactly the same except for the "Cattle-izer." It's a great new development in ruminant nutrition.

How does it work? The "Cattle-izer" principle changes the proportion and concentration of several organic acids produced in the rumen . . . resulting in about 10% more useful energy from the feed.

Let us show you more records . . . more details on how Ful-O-Pep Super CBS can help you get faster, more efficient gains . . . higher net returns! Come in.

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Leola

S. H. Hiestand & Company
Salunga

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MAKE US YOUR FARM HEADQUARTERS

TROJAN HYBRIDS

T X

High-Powered Hybrids With "Ripe" Ears On Green Stalks

Test Weight — How would you like corn that makes over 60 lbs per bushel? Our best has hit 65 lbs. Solid proof of Trojan's high oil content and feeding qualities.

Shell-Out — Would you believe 85%? We've got "super shellers" for you right now — will have even more next year.

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TXS- 85—Early Season
TXS-108—Medium Season
TXS-115—Full Season
All Single Cross

F- 90—Early Season
F-115—Medium Season
C/F-123—Full Season
Regular Cross

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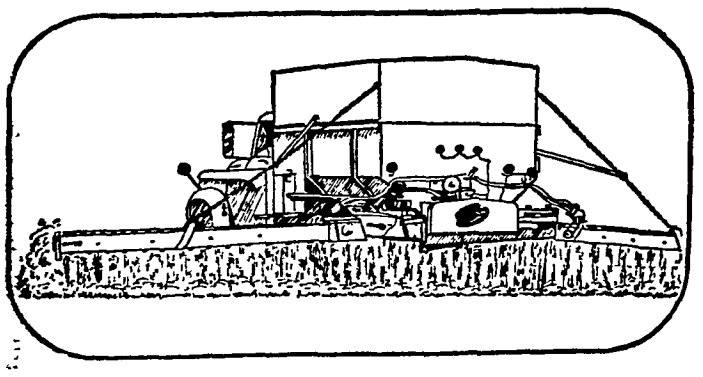
Phone (717) 768-8451

Apply Lime In The Fall For A Better Crop Next Summer



Fall liming assures proper limestone distribution in the soil, ready for spring planting. The freezing and thawing of winter aid in the process of limestone dissemination. So, why wait, correct your soil deficiency now by liming, and reap a bigger harvest next summer.

MARTIN'S LIMESTONE

Blue Ball, Pa. 354-4125 Gap, Pa. 442-4148

● Egg

(Continued from Page 17)

in a corner and hidden by another product."

Mr. Hemstra continued, successful management must be scientific. You must be able to vary the methods stated by "the book" . . . you must have something called insight.

Mr. R L. Thompson, supervisor of the Maryland Egg Law, Department of Markets, University of Maryland, along with Mr. Charles McCain, told about the Maryland Egg Laws, and their enforcement, present and future. They also told the merchandisers that many services are available from the Department of Markets at the University of Maryland and that all the "eggmen' ' have to do is ask

Everett Stiles, another speaker at the clinic and Vice President of the P & O Stores, Syracuse, New York, told the members of the Maryland State Poultry Council about the very successful way his stores merchandise eggs.

He added that, "eggs at their present price are an awfully good food buy. You can buy two dozen eggs for a pound of steak," he continued, "and one and a half dozen for a pound of hot dogs."

Mr John Mahoney, chief of marketing services and superintendent of weights and measures at the University of Maryland, gave a slide tape presentation on some new ideas for marketing eggs.

The meeting, held at Eudowood Gardens, was sponsored by the Maryland State Poultry Council, Inc, in cooperation with the Department of Markets and the Department of Poultry Science, University of Maryland

---

Beneath the hard, crusty exterior of a tough boss beats the heart of a hard crusty boss

Try A Classified Ad It Pays!

BUY NOW

earn a cash dividend through

EARLY BUYER'S DIVIDEND

This special pre-season program pays you cash for buying early. The amount you get depends on the machine you buy—and when you buy it. The earlier you buy, the bigger your dividend. Program starts November 1, 1969 and goes through February 28, 1970.

Eligible machines include: Automatic Bale Wagons and Stack Retrievers ● Balers ● Combines ● Crop-Choppers ● Forage Blowers ● Forage Boxes and Crop-Carriers ● Forage Harvesters ● Hay Conditioners ● Mower-Conditioners ● Mowers ● Rakes ● Self-Propelled Windrowers.

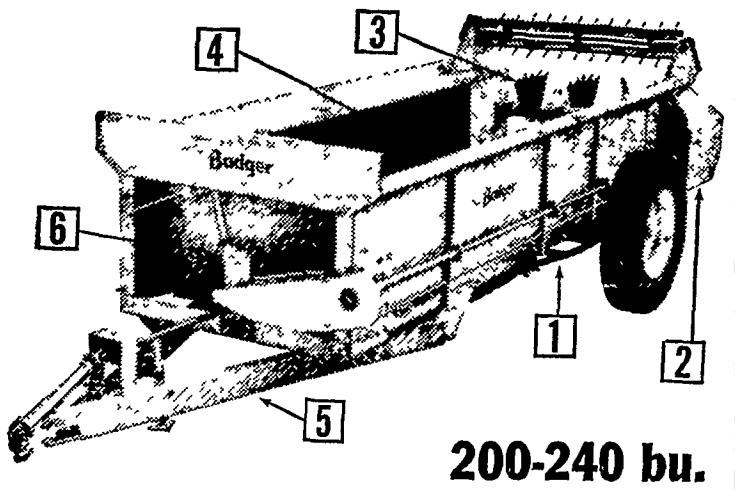
Program applies to new machines only. Stop in soon for complete details.

NEW HOLLAND
DIVISION OF SPERRY RAND

C. E. Wiley & Son, Inc.

101 S. Lime St., Quarryville, Pa. Phone: 786-2895

NEW FROM Badger



200-240 bu. MANURE SPREADERS

Badger introduces two ruggedly constructed, big capacity Manure Spreaders that are built for today's modern livestock farmer. Lower priced, greater manueverability and shorter length than competitive spreaders of comparable capacity. Many outstanding features. (1) Extra heavy chain is 50% stronger than most competitive units. (2) Trouble free, oil bath gear box transmission (3) Rugged rear beater has removable combs (4) Penta treated DFPA Plywood sides. (5) Heavy formed channel steel frame and tongue (6) Four unloading speeds plus rapid clean out control. Ask us about our LOW PRICE.

Badger makes things move

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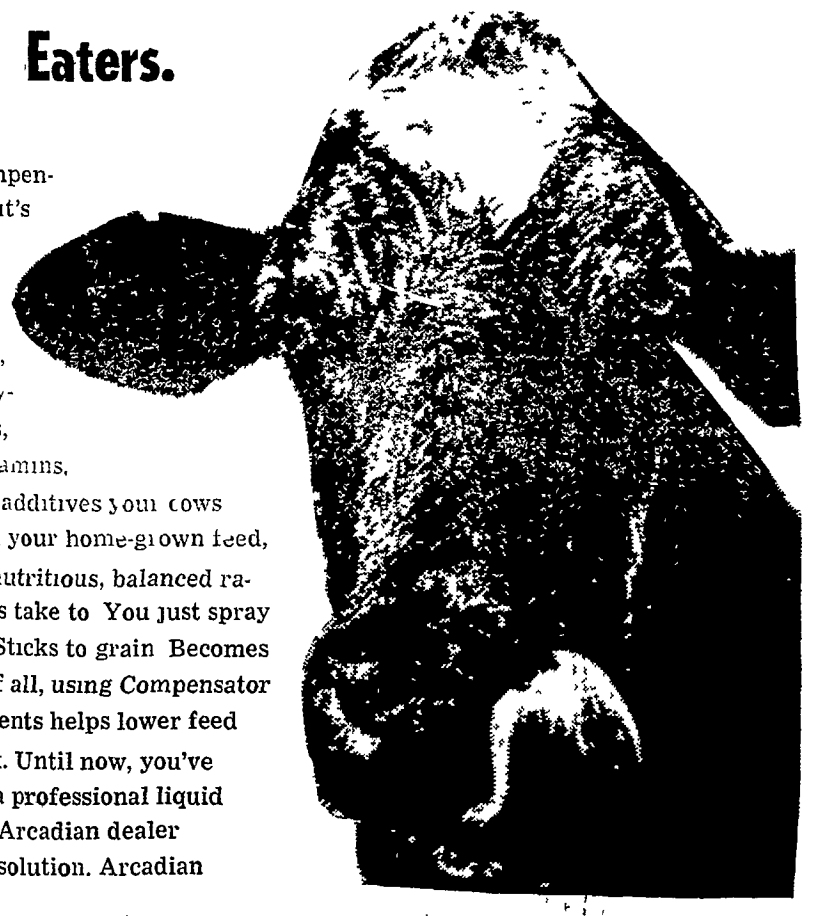
Lancaster

Isaac W. Hurst
Blue Ball

Carl L. Shirk
Colebrook Rd., Fontana

Grumelli Farm Service
Quarryville

New Liquid Supplement Offers Palatable Solution For Problem Eaters.



It's called Arcadian Compensator Liquid Feed And it's an ideal way to get your better cows and steers to eat more Compensator includes molasses, protein equivalent, polyphosphate phosphorus, sulfur and whatever vitamins, trace minerals or other additives your cows require Combined with your home-grown feed, Compensator makes a nutritious, balanced ration that problem-eaters take to You just spray it on It soaks right in Sticks to grain Becomes part of the feed. Best of all, using Compensator to replace dry supplements helps lower feed costs per pound of milk. Until now, you've had a problem getting a professional liquid supplement. Now your Arcadian dealer offers a very palatable solution. Arcadian Compensator.

ARCADIAN Allied Chemical

JOHN Z. MARTIN

New Holland RD #1 717-354-5848

Eggs Are A Power Item

"This trueism is not based on nutrition, or the inherent goodness of eggs but is a food retailerism," declares Neil Castner, Poultry and Egg National Board Chairman.

The U S. food retailer divides — through experience and education — the various items he offers Mrs. Consumer into Demand and Impulse items.

Demand items basically are volume items — and profitable Retail profit originates from the old formula . . . V x M = P. Stated in non-hieroglyphic English, **Profit** is equal to the **Margin** (per item) times the **Volume** or number of sales.

Eggs are a low profit per dozen item for the retailer, but the turnover or volume is — or can be — eggscellent.

Demand items are defined by Oesterle and Kepner as those in which the sales per shelf foot (or square foot exposure) are twice . . . but no more than three times the department average. Generally, these retail researchers believe that if the turns (turnover) on any item is more than twice the department average, the item is under-displayed.

Power items or Demand items draw customers and are fast movers. Therefore, they should be advertised and featured. In most retail food stores eggs are not so treated.

In the Dairy Department, where over 80% of the eggs sold at retail are stocked, there are four Power items These are EGGS, milk, cottage cheese and margarine.

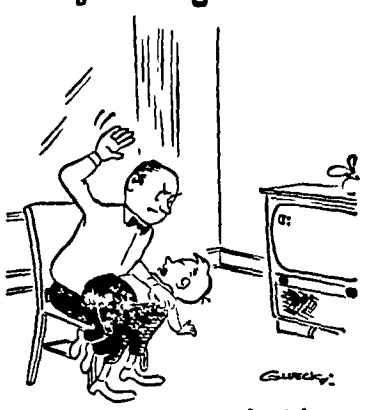
There have been no studies available on the frequency of newspaper advertising of these four Power items, but most egg men feel that retailers advertise milk, cottage cheese and margarine at least ten times more than eggs

Semi-demand items include cheeses and the milk beverages. Impulse items include the specialty cheeses, spreads, cookies and pastries found in most dairy display cases.

The definition of eggs as a Power or Demand item should not leave the impression that eggs aren't also purchased on impulse. Recent studies indicating that as much as 83% of the customers did not use a shopping list showed no differences in egg purchases.

"The egg, by its profit performance in the retail food stores, has earned rightfully the designation of Power Item" declares Dr L A Wilhelm, PENB president. "The fact that too many retailers under-display, under-advertise and under promote eggs in relation to milk, cottage cheese and margarine, is an indictment of those who should be influencing the egg retailer. We simply haven't told our story well enough, often enough, or as effectively as the dairy and margarine people," Wilhelm concluded

My Neighbors

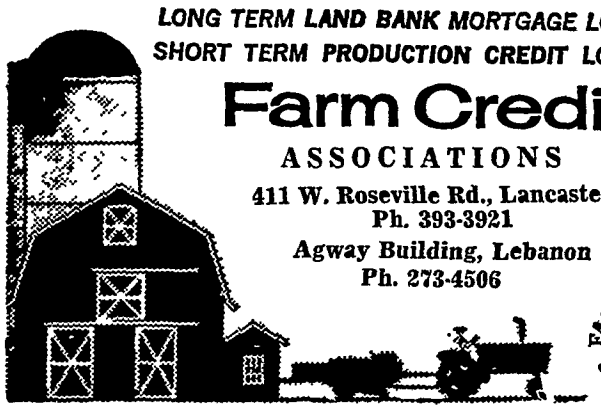


"Wait 'til my analyst hears about this!"

CHECK WITH FARM CREDIT FIRST FOR A

FARM MORTGAGE

Farm Credit Mortgage Loans are tailored to the farmer's needs. Payments scheduled to coincide with income. Early pay-off without penalty. Transferable in event of sale.



LONG TERM LAND BANK MORTGAGE LOANS
SHORT TERM PRODUCTION CREDIT LOANS

Farm Credit
ASSOCIATIONS
411 W. Roseville Rd., Lancaster
Ph. 393-3921
Agway Building, Lebanon
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FARM CREDIT SERVICE

COMPLETE FARM WIRING SERVICE

A Qualified Staff Of Electricians Can Wire
- COMPLETE ENTRANCE SERVICE
- ELECTRICAL EQUIPMENT
- BARN or POULTRY HOUSE

Ask for FREE estimate

MERCURY VAPOR YARD LIGHTS

Turns itself on and off. Acts as a nighttime accident preventative.

175 watts, 120 volt $63.33
175 watts. 240 volt .. $61.51

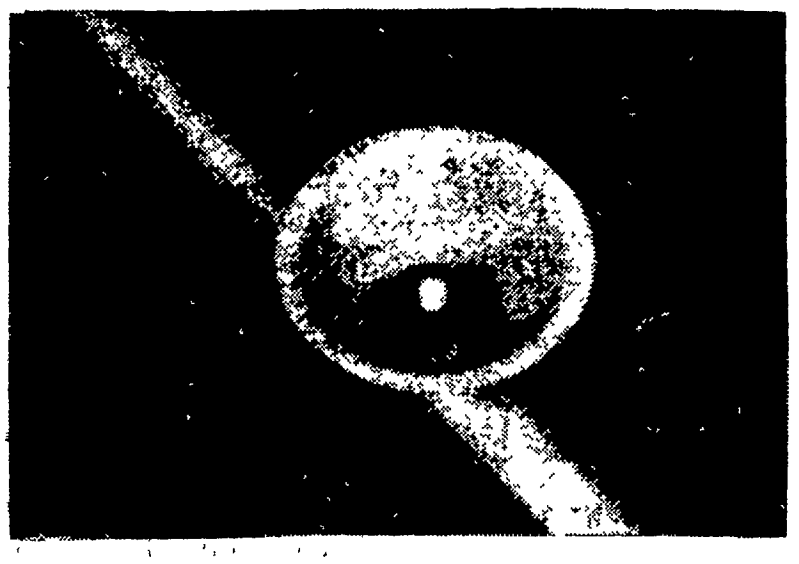
"Dusk-to-Dawner"

DESIGNED FOR ALL YOUR LIGHTING JOBS

Agway BEE-LINE SUPPLY CENTER
1027 DILLERVILLE ROAD, LANCASTER
24 HOUR SERVICE DAILY — PH. 717-397-4761

SWISH WATERER

Now, Don's Brings This Health-Giving, Money-Saving, Watering System To Poultrymen.



Self-Cleaning Action — Swish open cup design is easier for birds to reach and drink from — entire inner surface stays free of residue, eliminates breeding grounds for bacteria.

Saves Labor — Swish Waterers do away with the water cleaning chore in the poultry house — the one that is too often neglected.

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New Holland, Penna. 17557
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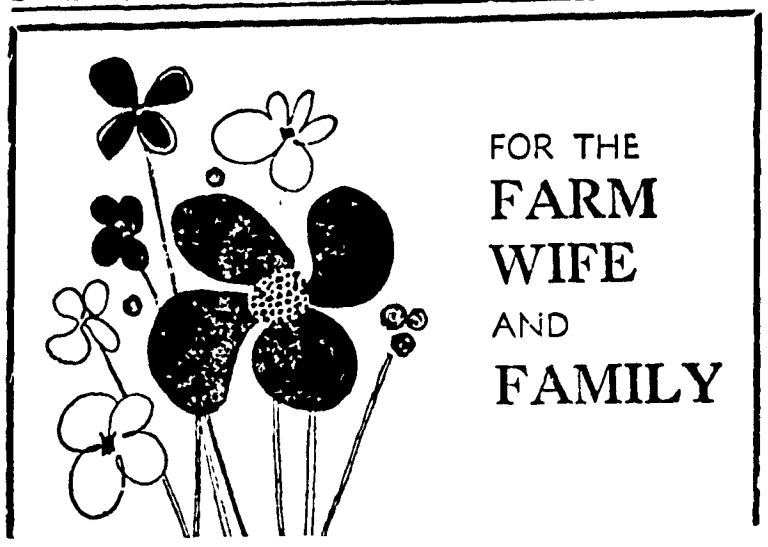
CLEANER IS ELECTRIC HEAT!

Cleaner because it's flameless, cannot create smoke or soot . . . or odor, for that matter! So, convert your present home to flameless electric heat soon . . . you'll be glad you did for many reasons! Call PP&L today for a free estimate of operating costs in your home.

PP&L



Mrs. John N. Hess Is New President Of Farm Women

By Mrs. Charles McSparran
Lancaster Farming Staff Writer

The Society of Farm Women of Lancaster County held their fifty-second annual convention at the Farm and Home Center, 1383 Arcadia Road, Lancaster November 1 which was attended by 336 of the members of Lancaster County and 32 guests Attendance awards were won by Society #15 and Society #2

Registration was in charge of Mrs Elvin Brown, Society #13; Mrs Andrew Lowe, Society #2, and Mrs John Habecker, Society #10, and the bazaar table in charge of Mrs Christ Landis, Society #14 Miss Elizabeth Workman, Society #5 Mrs Wilbur Heller, Society #9, and Mrs Roy Book, Society #28 began at 10 a m Many and varied bazaar items were contributed by the members and a nice sum realized for the treasury

Mrs Scott Nissley, president, conducted the half hour business session which opened with group singing directed by Mrs John Newswanger, Society #23, and accompanied on the piano by Mrs Richard Jackson, Society #21 Mrs Aaron Denlinger, Society #7 and Second Vice-President of the county, lead the group in the Pledge of Allegiance. Reports were given by the secretary, Mrs Henry R Hess, Society #22, the treasurer, Mrs Martha Weidman, Society #5, auditors report by Mrs Bessie Ressel, Society #11 and the nominating committee by Mrs Carl Johnson Society #15

The following officers were elected for a two-year term president, Mrs John N Hess, Columbia R 2, Society #18, first vice-president, Mrs Aaron Denlinger, Paradise, Society #7, and second vice-president, Mrs Glenn Myer, Kirkwood, Society #15

Mrs Scott Nissley gave her report of activities and functions attended during the year. She organized three societies during her two-year term of office: Society #28 in February 1968, Society #29 in December 1968 and Society #30 in October 1969 Lancaster County now has a membership of over 1000 women They have contributed this year to Half Way House, Mental Health project, Conestoga Valley project and Migrant Workers on a county-wide basis as well as to other charitable projects by the individual societies. In recent years they have contributed $3300 to the Farm and Home Center to equip the kitchen. Larry Skromme, Farm and Home Foundation, expressed appreciation for the part they have played in assisting the Foundation and asked them to help with the antique auction slated for December 6 at the Farm and Home Center

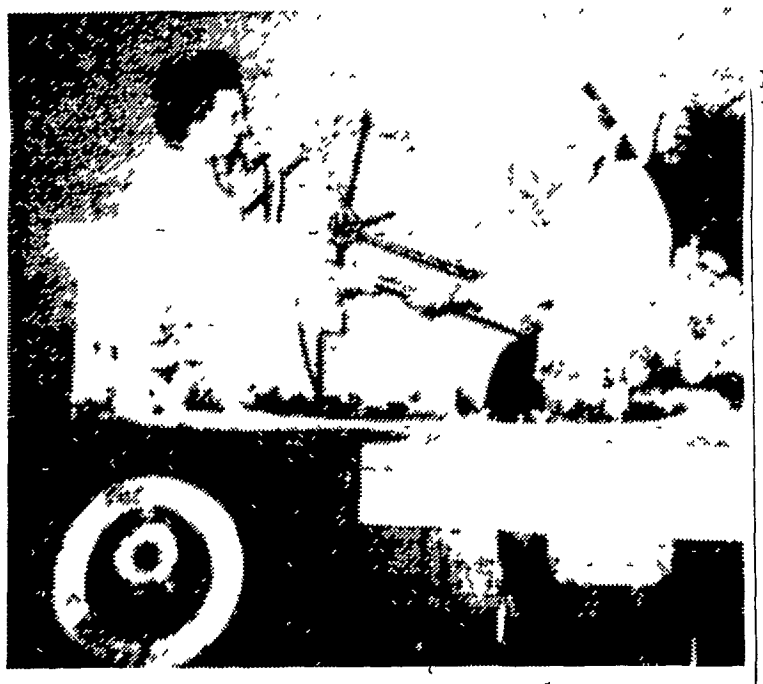
Following the luncheon Mrs Nissley introduced the State President, Mrs W F Dummer, York County, who spoke briefly The State Farm Women organization has over 4000 members of which Lancaster County has the largest membership Mrs Scott Nissley is on the State Legislative Committee and Mrs Robert Nolt on the State Scholarship Committee Lancaster County Farm Women's chorus will perform for the state convention at the Farm Show Building, Harrisburg January 12 and 13 They will be electing a president, vice-president and four directors this year Other state officers introduced were First Vice-President, Mrs Virgil Duppstadt, Somerset County; Secretary, Mrs Martin Greenleaf, Lancaster County, and Treasurer, Mrs Samuel Eidson, Chester County. Also introduced were directors, county presidents and representatives from the following counties Montgomery, Lebanon, Cumberland, Dauphin, Franklin, Berks, York Cambria and Adams

Mrs Glenn Nauman, Society #25, and Mrs Scott Garman, Society #1, were in charge of the memorial service for thirteen members who died during the year Mrs Henry Gingrich, Society #2, Mrs Clara Nolt, Society #4, Mrs Landis Charles, Society #4; Mrs C J Musser, Society #4 and #8, Mrs Blanche Bouser, Society #10; Mrs Martha Burkins, Society #11, Mrs Blanche Hopkins, Society #11, Mrs Mabel Shenk, Society #11, Miss Lillian Rineer, Society #11, Mrs Alice Hersh, Society #12, Mrs Wenger Ranck, Society #4; Mrs John Vasco, Society #15, and Mrs Lloyd Groff, Society #24 Mrs Glenn Morrison, Society #9, was the soloist

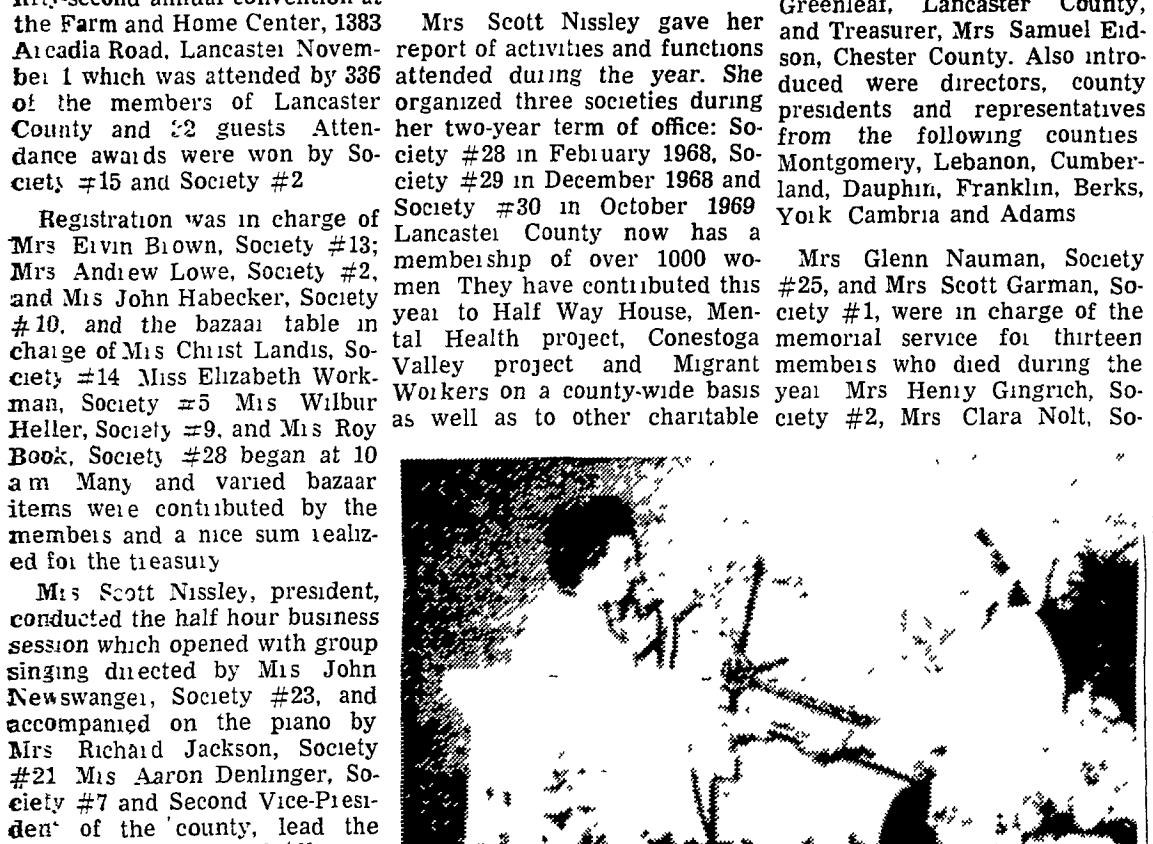
Mrs J Clayton Charles, Society #23 chairman of the program committee, introduced the speaker Dr Frederick P Sample, President of Lebanon Valley College, who is a native of Lancaster County He graduated from Columbia High School, received a A B degree from Lebanon Valley degree from Western Maryland College, a Doctor of Education from Penn State University and an Honorary degree from Albright College. His topic was "Youth-Yesterday, Today and Tomorrow" He stated that man doubled his knowledge between the years 1750 to 1900 over what he had from 0 to 1750. From 1900 to 1950 he doubled that knowledge and from 1950 to 1969 he doubled it again Before the year 2000 there will be more than 6 billion people on the face of the earth These were illustrations that this is a new world.

(Continued on Page 21)

AT THE BAZAAR TABLE, making selections are County Farm Women Conventioners.



THAT IS a nice package.



A PAINTED PICTURE of the Groundhog Lodge of Quarryville was presented to Mrs W F Dummer, State President at the Convention of Farm Women (left to right) are Mrs John N. Hess, New President, Mrs. Scott Nissley, Retiring President; Mrs. Samuel Mohler, Past State President; Mrs. Martin Greenleaf, State Secretary who painted the picture and Mrs. Dummer. L. F. Photos

I went to the Key Bank for my farm loan.

There's a real farmer's banker there—Stanley Musselman. He knows farming as well as I do. He gave me some good advice on planning for profitable management — even had some ideas on how I could improve my operation. That's the kind of banking service that suits me fine.

THE KEY BANK
LANCASTER COUNTY FARMERS NATIONAL
LANCASTER • QUARRYVILLE • MOUNT JOY • CHRISTIANA • COLUMBIA
MEMBER F D I C

SPECIAL VALUES

PLEE-ZING PINK LOTION MILD
DETERGENT
FOR DISHES 12 Fl. Oz. 20c ea

ALADDIN SMOKELESS KEROSENE
HEATER Large Size $35.95 ea

WOOL COAT MATERIAL
Dark Green, Brown, Navy, Grey and Black
$3.50 A Yard

THIS WEEK'S SPECIAL
WEDNESDAY THRU TUESDAY
MEN'S AND BOYS
WINTER CAPS
As Low As 35c ea

Clothing, Shoes, Housewares, Hardware and General Merchandise

GOOD'S STORE
1 mile North of Route 23 Along Route 625
R. D. 1, East Earl, Penna. Ph. 215-445-6156

● For The Farm Wife

(Continued from Page 20)

He said "There are some qualitative changes in our society Young people are experiencing so many more new experiences than we had. Suddenly for them everywhere is here. One of the dangers we face is confining our experiences to our conformity."

"Nothing leads more rapidly to extinction than genetic conformity. America was not built on people who thought the same This is one of the things that made America great Another temptation, it is awful easy to turn back the clock, we are prone to rest on yesterday's laurels. They are foundations on which we build. We must do a better job in training mind and heart. We must realize in education we must get a crossfire between the old and the new ideas."

"A second temptation, for the younger group, is strictly criticizing without any respect for the past There is some standard in loving this past and respecting it and understanding it. The first temptation can only lead to stagnation, the second to destruction The younger generation has an intellectual maturity higher than we had at the same age. Let us not just react against them but give some thought to working with them."

"The new man is an impatient one He has had everything handed to him. He can see us making a mistake in getting into the war but he can't see us taking so long in getting out. Man does not live by knowledge alone. Man must also have some humility."

MRS. SCOTT NISSLEY (left) presents the gavel to the new president Mrs. John N. Hess.

A cello trio composed of Mina Fisher, Loreen Gottshall and Linda Card and a string quartette composed of Elizabeth Ochs, Mary Koo, Jackie Smith and Mina Fisher from the Lancaster Conservatory of Music very ably rendered several classical numbers.

Mrs Dummer, State President, installed the newly elected county officers as well as the officers of the local Farm Women Societies Mrs Nissley, retiring County President, presented Mrs Dummer a painting of the Quarryville Groundhog Lodge painted by the State Farm Women Secretary and member of Society #15, Mrs Martin Greenleaf She also presented Mrs John Hess with the gavel and the president's pin as president of the Lancaster County Farm Women Mrs Hess presented a pearl necklace to Mrs Nissley from the Societies then spoke briefly of the honor bestowed upon her in being selected to serve as county president The program concluded by group singing "Brighten The Corner"

Try A Classified — It Pays

Correspondence Courses

Syngoniums Are Foolproof Houseplants

Are you looking for a foolproof houseplant? One that's easy to grow and yet always looks attractive? Then get a syngonium (SIN GO' NI UM).

According to a Pennsylvania State University correspondence course on houseplants, syngoniums want semi-shade, average house temperature and humidity, and soil of equal parts garden loam, perlite and peatmoss kept evenly moist. They tolerate abuse and irregular care.

The plants have arrowhead like leaves on long stalks. There are many varieties. Trileaf Wonder has white-spotted leaves six inches long on petioles up to 20 inches. Emerald Gem has crinkled foliage and grows compactly. Mostly the plants you find offered for sale have glossy green leaves of solid color on petioles eight to ten inches long.

Propagation is by single-node stem cuttings A leaf with node and short section of stem inserted upright in moist peatmoss or perlite at 75 to 80 degrees soon takes root

Study the course to learn more about the selection and care of houseplants. Send your name and address with $4 65 to Houseplants, Box 5000, University Park, Pennsylvania 16802 Make checks to Penn State There are no other charges and a complete course copy comes to you by mail.

Livestock Barns

The proper ventilation of livestock barns during the Winter months is very important Many dairy barns are filled to capacity and those practicing stanchion or comfort stall management should give some attention to this practice When there is condensation from the ceiling or from the windows, it indicates either the lack of proper insulation or poor ventilation The use of electric exhaust fans have been very successful in removing this extra moisture and heat from the building. For the sake of improved production and the life of the building, good ventilation needs attention during the Winter months. Publications on the subject are available from the Extension Office.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

Buying Evaporated Milk

If you are a busy homemaker who likes to be economical evaporated milk is an important item to put on your shopping list. With colder weather ahead you'll be set to make nourishing and appealing soups, casseroles and desserts that call for milk.

Evaporated milk ranks second only to dry milk as an economical buy. Whether you buy the large size or the small size cans may make little difference in the cost. It may be wise to buy the smaller size cans if that's what you need for a particular recipe.

THOMAS

Considerations Before Buying A Garment

To make the smartest, both fashion and dollar-wise, buy in clothes consider these questions:

Is it attractive in style, color and fabric?

Is it becoming to you?

Does it fit well? If alterations are necessary can you do them?

Does it meet a need in your wardrobe?

How well will it go with the other clothes in your wardrobe?

Will wrinkling be a problem during wear?

If drycleaning required, is this expense justified?

Do you think it will wear well and remain "in style" for a reasonable period of time?

Is the cost justified by your budget and the amount of wear you expect to get from it?

Care Of Unripe Fruit

Because temperature is an important factor in ripening, don't put unripe fruit in the refrigerator Slightly underripe fruits that are fresh and sound will ripen in open air at room temperature. Do not place them in sun.

Pumpkin In Your Meals

Cooked pumpkin is the basis for many taste treats

Pumpkin leads itself to soups, quick breads, cookies and desserts other than pie and custard.

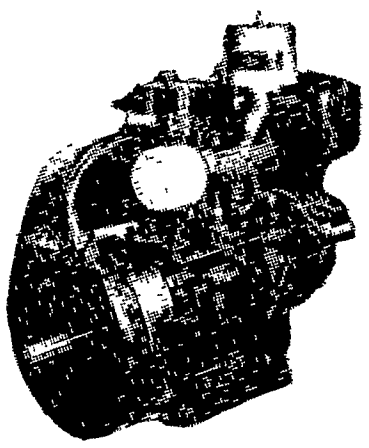
You can cut pumpkin in strips, leaving the skin on, and cook or bake until pumpkin is tender

Season pumpkin to taste and serve as a hot vegetable

Vending Machines Are Popular

More than 77,000 times every minute, American consumers are dropping a coin into a vending machine This amounts to 111 million coins per day and an annual sales volume of more than $4 5 billion dollars for the year 1967 Ten years ago it was about $2 1 billion dollars

★ "Petter Power Pays" ★
WORLD LEADERS IN DIESEL ENGINE DESIGN



Petter

1½ to 45 H.P. Continuous Rating

MAKE US PROVE IT!

Over 1,000 Amish farmers already have. They have found that Petter delivers all it promises. Our diesels provide long working life, dependability and good cold starting characteristics.

IT GOES MUCH BETTER POWERED BY PETTER

For Prompt and Efficient Service Call
YOUR AUTHORIZED PETTER DISTRIBUTOR

GEHMAN BROS.
Gas and Diesel Engines Sales and Service
1 Mile North of Terre Hill on Route 897
East Earl, R. D. 1, Pa. Phone 215 445-6272
WE ARE AS CLOSE AS YOUR TELEPHONE

NOW!
Plan Fall Plowing
for 1970 corn — be sure to include:

Phos & Potash — Plow down this fall to your soil test recommendations.

Anhydrous Ammonia — It is one form of N that can be efficiently applied this fall after soil temps. reach 50° F.

ALSO:
follow our Alfalfa Program
0-18-36 or 0-26-26 — Can include Boron and Chickweed control at your desired rate of application.

TAKE ADVANTAGE OF WINTER DISCOUNTS
Available on All Products — Effective November 1.

ORGANIC PLANT FOOD CO.
GROFFTOWN RD., NEXT TO WATERWORKS
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YOUR FULL SERVICE DEALER

SUPER SHOES
Self Service
2750 Columbia Ave.
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Lanc. Co.'s Largest Shoe Store
All 1st Quality
Super Low Prices

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SAVE AT BOB'S SAVE RITE MARKET
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LITITZ, PENNA.
Hours: Mon. thru Sat. 9 to 9
Sunday 9 to 5

Aid Official Stresses Role Of Plant Food Industry

A high official of the U S foreign aid program called on the American fertilizer industry recently to increase its investments in developing nations seeking to boost food production

Bert Tollefson, Jr., Assistant Administrator of the Agency for International Development for Legislative and Public Affairs, addressed the annual conference of the National Plant Food Institute at Miami, Fla., on the "important role" that private enterprise is playing in international development

Emphasizing the key contribution that fertilizer has made to higher food production in countries assisted by AID, Tollefson said the Agency believes that investment in fertilizer plants should be largely financed by private industry To achieve that goal, he explained, AID has lent more than $100 million to fertilizer projects abroad, has covered $40 million of investment in such plants with extended risk guarantees, and has issued $170 million of political risk guarantees

But the rapid growth of fertilizer consumption — averaging 16 percent annually over the last five years in the less developed nations — suggests that "significant new plant construction must be undertaken," said Tollefson.

"Even an expansion of fertilizer to a level of 127 million tons by 1975," said AID's Assistant Administrator, "would supply only about half the fertilizer needed to meet a consumption target in the less developed countries of 19 million tons The rest, some 8 million to 9 million tons annually, will have to be covered by imports at an estimated cost of $800 million or more — a three-fold increase over the present AID-financed procurement program."

Tollefson said AID expenditures for fertilizer procurement now approximate $200 million a year — the largest single use of AID funds in the foreign assistance program.

Under this Administration, he added, AID is also committed to greater support of technical assistance "including efforts to build local competence in agricultural research and improve agricultural extension services."

AID is collaborating with the Ford and Rockefeller Foundations in supporting international seed-research centers he told the conference. Centers in the Philippines, Mexico and Columbia which have produced new varieties of high-yield seeds are being encouraged to give greater attention to fertilizer problems as well

In addition, several land-grant universities are engaged in AID-financed programs to develop fertilizer research and soil testing capabilities.

"Distribution is another aspect of the problem," Tollefson reported. "It is AID's policy to promote the distribution of fertilizer through private channels"

The Old Timer

"Most folks are stopped in their tracks when they reach the end of a bluff."

STRENGTH FOR THESE DAYS

from The Bible

How lovely is they dwelling place.—(Psalms 84:1).

Our immediate environment is an extension of ourselves. We help create it. If there is inharmony in the home, office or plant, we should do something about it. We have the ability to bring about harmony, if we work at it. If there is discord we can be peacemakers. We can rebuild the trust; and work to come into agreement with others.

"YIELD-PROVEN"
Superiority

Plant PIONEER "New Generation" Hybrids

Medium Season
3567 — 3571

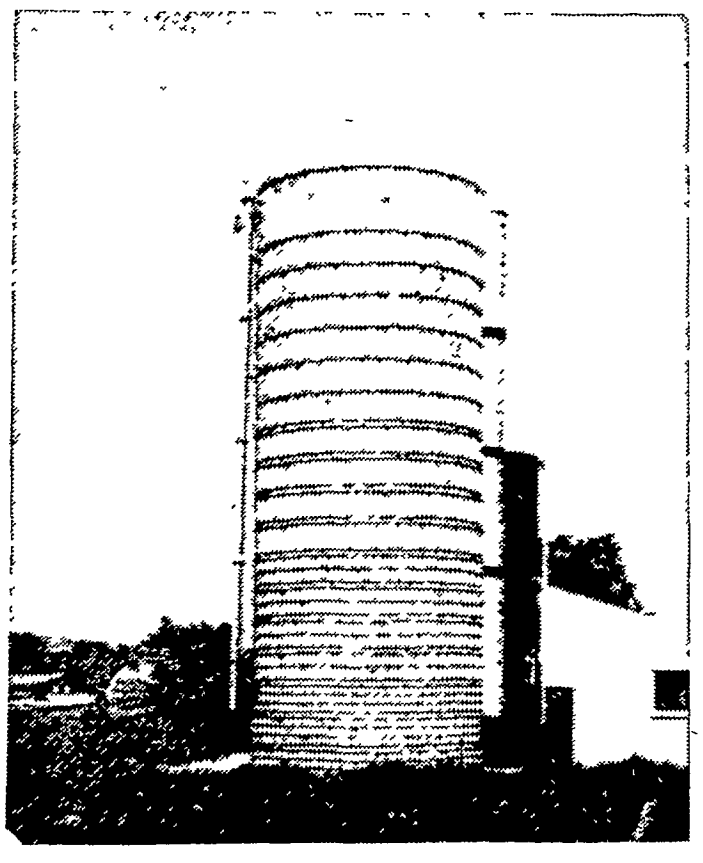
Full Season
3304 — 3306
3369A

Ask your Pioneer Salesman
about these Outstanding Varieties

PIONEER® BRAND SEED CORN

TERRE HILL SILOS

MONOLITHIC & CONCRETE STAVE SILOS



More Quality More Strength More Economy

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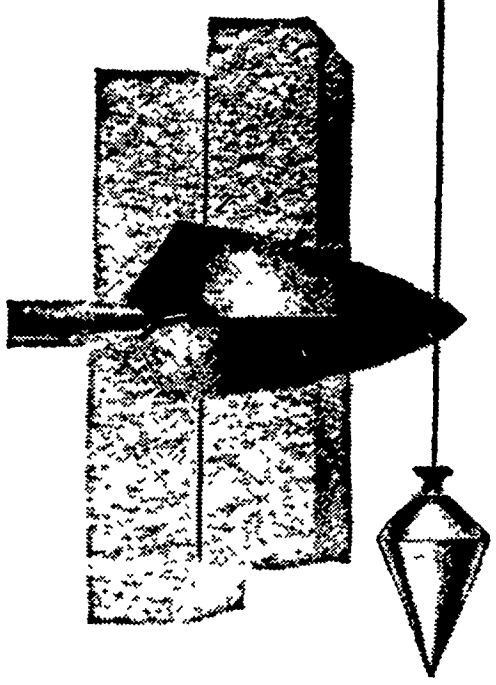

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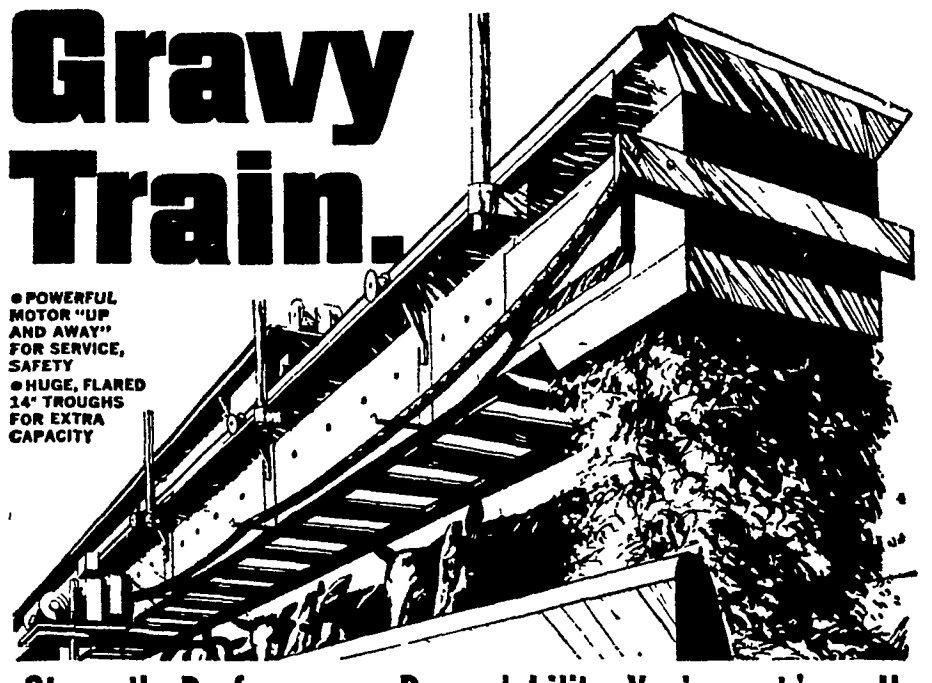

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Van Dale's SCF-1400 is the traveling feeder to put you on the track to faster, more profitable operations. Automatically, it delivers up to 40 tons of silage per hour to bunks on a single chain, continuous "shuttle" service.

Feeder trough chain is No. 67 pintle (12,500 lb. strength) and drive chain is C-550 steel (average top strength of 10,000 lbs.). Interlocking, snap-together galvanized metal components reduce erection time as much as 50%. Suspended or floor-mounted, rails are mounted with Van Dale's exclusive clip-on brackets to provide extra-rigid support. Unit adapts to any feeding need in-barn or out-of-doors.

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If not effectively controlled, alfalfa weeds like chickweed (above) can reduce hay quality, cut yields, and shorten stand life.

State Growers Should Stop Weeds In Alfalfa

This fall more farmers are taking a closer look at herbicides to control weeds in their alfalfa. What they do now can make a difference next spring.

According to crop experts, weed infestations were much heavier this year and indications are they are spreading. When this happens, hay quality is reduced, yields are cut, and life of the stand is considerably shortened.

Crop specialists point out that weeds in alfalfa tend to spread fast because of the high soil fertility needed to grow the crop. Some of today's "problem" weeds — yellow rocket, white cockle, hoary alyssum, chickweed, henbit, kochia, downy brome, mustard, and cheatgrass — can take years off an alfalfa stand. While weeds are moving in they compete vigorously for soil nutrients and before you know it, they've overtaken" the crop and it's necessary to re-plant or rotate.

But the danger doesn't stop there. While weeds won't reduce your total production of dry matter, crop experts point out that they will slash the amount of alfalfa you're harvesting. This means less pro-

(Continued on Page 24)

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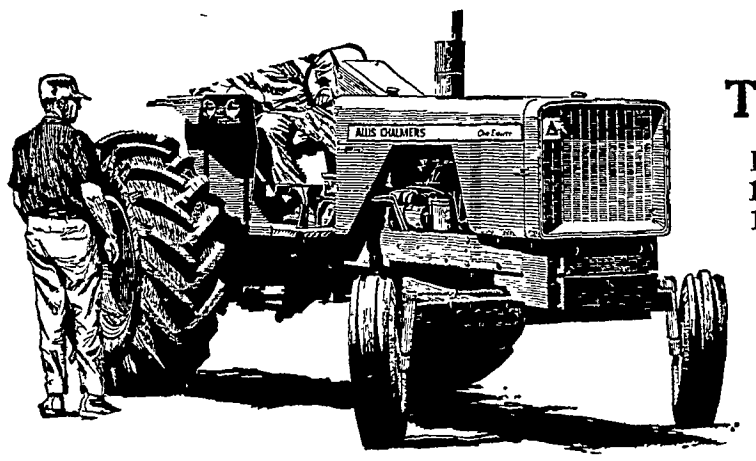

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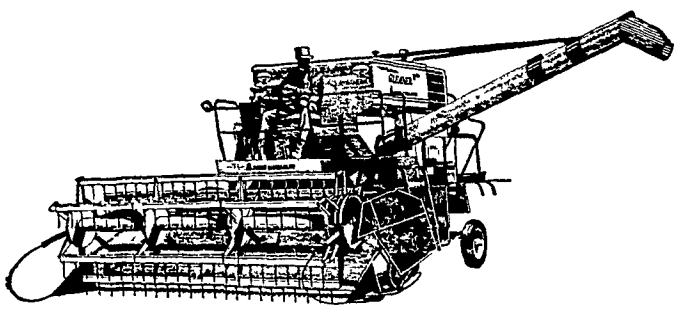

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Sportsmen Join To Stop Pollution

Sportsmen and outdoor enthusiasts are urged to join in active participation for stream cleanup during 1970 by the Eastern Sports and Outdoor Show As part of a continuing involvement in conservation and recreational concern, the show will sponsor a basic and hard-driving program to promote awareness for and participation in the conditions that demand that a stop be brought to stream pollution.

The Eastern Sports and Outdoor Show has become an outdoor recreation focal point and acts as a showcase for a fourteen state area. This area is comprised of Pennsylvania, New Jersey, Delaware, Maryland, District of Columbia, Virginia, West Virginia, Ohio, New York, and all of New England Each of these states has a prime recreational resource of streams, rivers and lakes The major portion of this vast water resource is now polluted; some of it is beyond reclamation.

The 1970 Eastern Sports and Outdoor Show theme will set the mood and pace to develop a high level of concern for the present and future of stream protection and conservation The many thousands of sportsmen and outdoor people who attend the show during the week of February 9-14 will join to help launch this drive in the name of conservation and pollution control.

The Eastern Sports and Outdoor Show has always made an active effort to advance conservation and multiple land use programs. John Altland, president of the Eastern Sports and Outdoor Show organization, said "This year we are singling out stream pollution as a theme and for complete show involvement. Our consideration for this project is not because it's worthy, but because it is a necessity. Time is running out for outdoor America. The Eastern Sports and Outdoor Show will commit its entire facilities for a solid grassroots approach to bring awareness into action. All citizens will be invited to participate and the Eastern Sports and Outdoor Show will continue to form suggestions and guidelines for the use of outdoor clubs and sportsmen's organizations."

● State

(Continued from Page 23)

tein available to your livestock and reduced milk production.

Weeds also affect the palatability of the hay. Some varieties — cheatgrass, for example — can cause mouth and throat ailments in livestock. What's more, weedy hay can result in off-flavor, unmarketable milk.

Add weed control to your overall crop management and these problems can be avoided, crop specialists recommend. As many farmers here discovered, an application of the herbicide Princep last fall on established stands of pure alfalfa, returned a higher quality crop this season.

What does it mean economically? According to one study, for every dollar you invest in a herbicide you get $5.00 to $6.00 back.

However you look at it, it adds up to growing a beter crop with a lot fewer headaches!

Still in Dispute

It is still a disputed question among historians as to whether Babylonian or Egyptian civilization came first. Possibly, both countries took their first steps toward culture at about the same time.

Long-lived Fish

Herring are among the longest-lived of all species of fishes. Studies of the annual marks on their scales have shown that some have lived 20 years.

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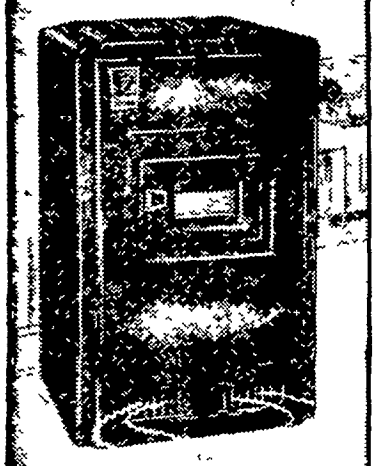
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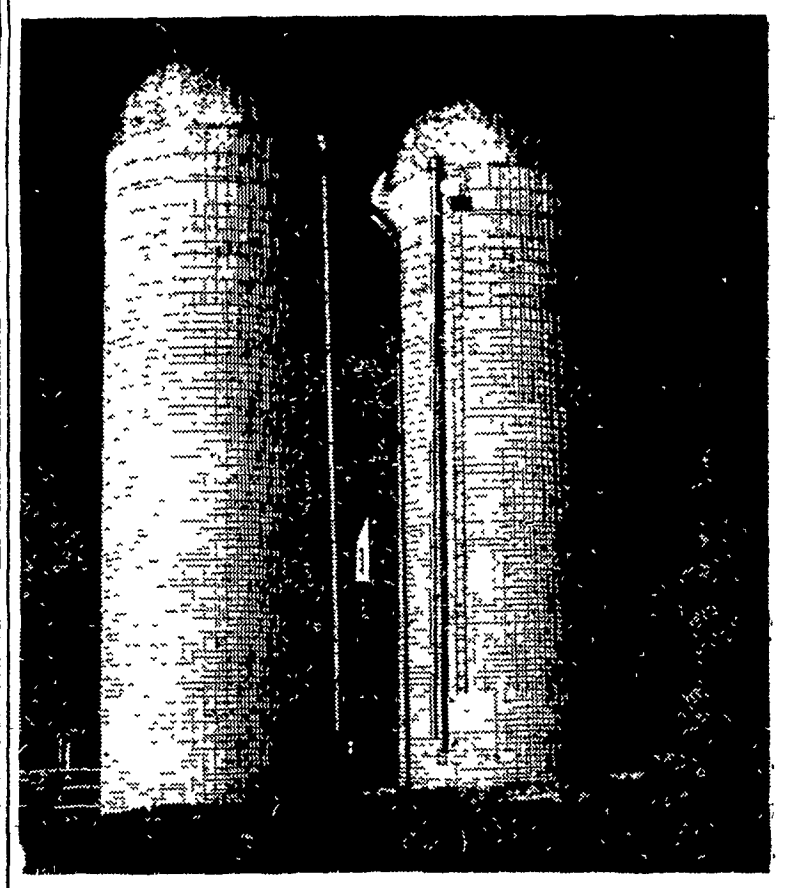
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Food Buying Tip

It's possible for families to cut food costs, but it requires some rearranging of buying habits, such as matching quality to the use, suggests Harold Neigh, Penn State Extension consumer economics specialist. Top grades and premium packs cost more than lower grades and less fancy packs. All are wholesome and have the same nutritive value Top grade, whole tomatoes would be the choice for canned tomatoes to use in salad. But why pay premium prices for tomatoes to use in chili or spaghetti sauce where they lose their identity

A Lancaster Farming Classified Ad Can Help

SEASONS TO END ON SEVERAL MIGRATORY, GAME BIRD SPECIES

Hunting seasons for several species of migratory and game birds are rapidly drawing to a close, sportsmen are reminded by the Pennsylvania Game Commission

The final day of the season for doves, rails and gallinules will be Saturday, November 8

In that part of the state having a short season, hunting for wild turkeys will end on Saturday, November 15

The season for Wilson's or jacksnipe closes on Wednesday, November 19

Turkeys will be legal game in the primary turkey range in the northcentral part of the state until Thanksgiving Day, Thursday, November 27.

Overweight Is A Major Health Problem

Our society, with an economy of plenty but a lack of physical activity, sets the stage in many cases for overweight, according to Mrs Ruth J Buck, Penn State Extension foods and nutrition specialist No age is spared the problem. At each stage of the life cycle, persons need to learn and practice a way of life that will keep them within their ideal weight range and avoid the hazards of overweight

Keep Water Pumps From Freezing

To help keep water pumps from freezing, it is necessary to repair sagging doors or replace broken window panes in the pumphouse A socket for a heat lamp just over the pump helps on extremely cold nights when the temperature drops suddenly, says Henry Wooding, Extension agricultural engineer at The Pennsylvania State University

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Here's a Grinder-Mixer designed by specialists in the feed grinder business for over 50 years. The BearCat Grind-O-Mix offers you the largest selection of types and designs of hammermills and roller mills available anywhere. With this machine you can process up to 4 tons of formula feed per hour. Expenses — including labor, fuel and depreciation — are only about $1.10 per ton. The special tapered-bottom mixer tank and agitator arms insure complete mixing of grain, roughage and additives. (Grind-O-Mix is available without grinder for mounting your present BearCat Grinder).

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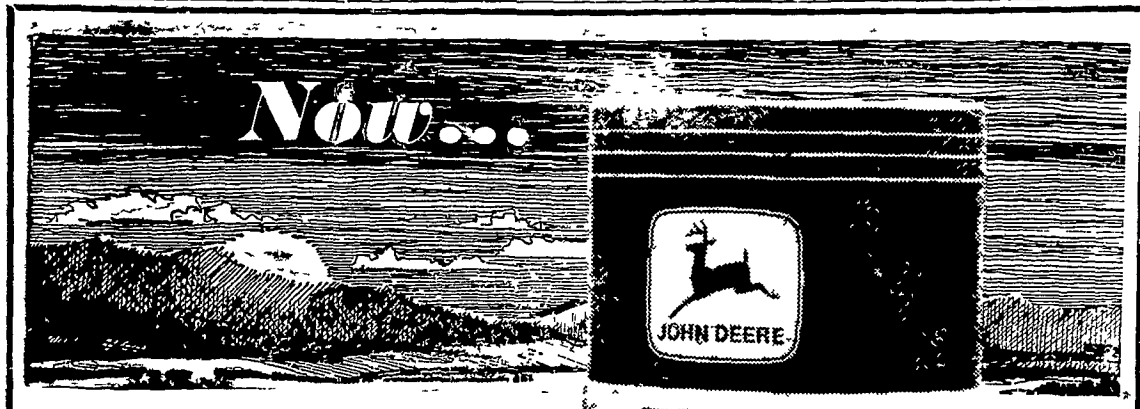

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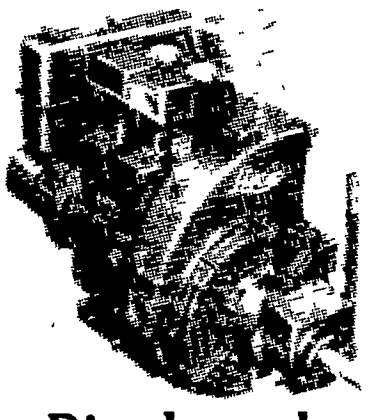

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WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

Nearly everyone is aware of the tremendous power held by the news media. All elements of the media — newspaper, radio, television and magazines — play a big role in the shaping of public opinion The business of passing along information to the public necessarily carries with it some ability to influence public thinking. In a republic, that ability is power because our national policy grows out of what the people think.

In recent years, a concern has emerged about the use of this power of the press in the United States Time and again, it has been proven that most people accept as true that which they read in newspapers and magazines, see on television or hear on the radio. But, what if the "truth" is slanted? What if some particular viewpoint is elicited by the way in which the news is presented? What if, as in advertising, the media are used to sell a select group of ideas out of the many which are available? Such a condition certainly would seem to be an abuse of power.

Just by raising questions, I may have implied that the news is not as honest as it might be. While that is a technique which has been used with some success by some national reporters lately, I don't mean to say that all the news is distorted. Most of the media are not abusing their power. Most try to do an honest job of presenting the facts.

Since I readily admit that the majority of newsmen are reputable, you might be tempted to ask why there is concern about the power of the press. The answer can be found in some disturbing signs which daily become more noticeable. One sign is the expanded use of the technique that I applied above — ask questions, imply wrongdoing, but never really prove anything one way or the other. Another sign is the increased preoccupation with the idea that the only big news is bad news. Still another sign, and perhaps the most disturbing one, is the willingness of the media to simplify every issue by dividing it into two unalterably opposed camps.

I would like to pursue that third point a little because its an important one. As you follow the news, you soon could become convinced that everything has two sides and only two sides. The war debate has the hawks against the doves. The generation gap pits adults against youth. Each national issue seems to have only two extremes.

The trouble with that kind of news coverage is that it ignores two basic facts. First, decisions are most often made on the middle gorund while the extremists scream at each other. I was fascinated to learn, for example, that many of the Congressmen most often in the national news are not those who are the big decision-makers but are merely those who talk the most. Second, people tend to behave the way they think they are expected to behave. For instance, the generation gap is nothing new, only more publicized. Yet, it has become more of a problem possibly because as a result of the publicity many young people and adults think that they are somehow abnormal if they don't have intense hostilities toward the "other side."

I suppose this commentary on the news media carries a message for those who see, listen to and read the news as well as for those who report the news. For the reporter it asks that you be demanding but fair. For all others, it asks that you evaluate carefully that which the media presents.

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— 60 — REGISTERED AND TOP GRADE HOLSTEIN DAIRY CATTLE — 60 —

Sale to be held in the dairy barn arena at the Aberdeen Sales Co. in Churchville, Harford C., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md., (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. Rt. 40 or Kennedy Highway) on

Friday, November 14, 1969 at 8:00 P. M. EST

James Carter of Brampton, Ontario is shipping 30 head of top registered and grade Holstein 1st calf heifers for this sale of which approximately 15 will be fresh.

There will be other consignments of fine cattle from top local herds. Plan to attend this sale if you need additional cows or replacements.

All cows are T.B. Accredited, Certified Bangs Free and tested within 30 days of sale. Freshening dates, breed and due dates and milk weights will be available.

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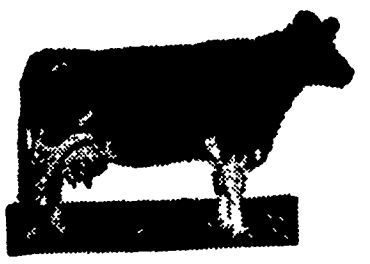

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P. O. BOX 266 **LITITZ, PENNA.**

Shoppers Spend More Time, More Dollars And Buy More Eggs

"Few shoppers in today's food markets are aware of the influence that the manner in which foods are presented or displayed has either on their time or pocketbook," reports Patricia Myles, PENB's Director of Home Economics.

A case in point is the recently released information on the Pay Less study by Purdue University. Hy-Line Chicks of Tipton, Indiana, was the egg distributor and a project cooperator.

In this study it was determined that the average shopper spent 11 5 minutes to purchase $8.25 of food and related items. And that she spent 30c more when she didn't have a shopping list. Only 17 per cent had such lists.

At the retail dairy case, where this store displayed eggs, Mrs Average Shopper shopped for 74 seconds and spent $1.17 on items selected from 177 different choices.

The dairy case display was rearranged into family groupings, the power or demand items divided by the impulse items, the full-vision or multiple tier display used — even on milk and eggs — and 62 items eliminated What happened?

Mrs. Consumer then spent 15% more time (87 seconds) shopping it She spent 19% more money ($1.63). And she bought 10% more eggs.

The consumer tended to shop the revised dairy case more completely. The use of the full vision principle placed more demand items (eggs, milk, cottage cheese and margarine) at eye level The elimination of the straight-line display effect created more interesting product group sections — and total sales of the department did not decrease even though 62 items were eliminated.

"This change in egg sales had nothing to do with a change in egg price It was not affected by either a holiday or an advertising promotion It simply sold more eggs," concluded Miss Myles.

FEEDER PIG SALE

SATURDAY, NOVEMBER 22, 1969

Watch for sale sign at the Reifsnyder Rd. along the Brubaker Valley Rd leading from Rt 322 at Clay to Rt. 501

300 HEAD — 35 TO 70 LBS. YORK AND YORKHAMP
At 1:00 P.M.

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CATTLE RACKS, 30,000 Miles (Good)
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4 Electric Brooders, Fence Posts, Tobacco Clippers, Cow Clippers, Milk Cans, Buckets, Tools, Shovels, Forks and other articles not mentioned The above equipment has been very well cared for.

HOUSEHOLD GOODS

3 Piece Living Room Suite, 10 Piece Dining Room Suite Piano, 2 Wardrobes, Sewing Machine, Large Chest Freezer, 6 Cane Seated Chairs, 2 Rockers, 4 Kitchen Chairs, Utility Cabinet, Floor Lamps, Table Lamps, Tables, Speed Queen Washer, Twin Laundry Tubs, 2 Meat Benches, Meat Grinder, Shoe Lathe Egg Grader and Keenco Egg Washer, Egg Baskets, Quilting Frame, 4 qt Pasteurizer, qt and pt Jars, Play Pen, Some Antique Dishes Punch Bowl with 5 Cups, Wood Potato Masher. Chocolate Set, Some Nippon China, etc

HOUSEHOLD ITEM 10:30 TILL 12. SMALL ITEMS 12 to 1.

Terms by
HENRY SOUDERS

Kreider and Diller, Auctioneers

Lunch By New Danville Fire Co.

DILLER & STOLTZFUS

REGISTERED HOLSTEIN SALE

MOSTLY CANADIAN CATTLE

SATURDAY, NOV. 15, 1969

Location: Along Rt. 222, 6 miles South of Lancaster on the Carl Diller farm.

40 HEAD

Including some Grade cows. Mostly fresh or close springing young cows and first calf heifers with D.H.I.A. records from 12,000 lbs. milk to 20,000 lb. milk of which a number are classified.

Bloodlines represented — Kingpin, Marquis, Forest Lee Rockette Centurion, Lassie Leader, Rockman, Oats Farm Gallent R.A., Tidy Burke Cyclone Cricket, and others.

Catalogs upon request.

Sale at 12:45 Sharp

by
CARL DILLER and
JOHN J. STOLTZFUS

Auctioneer — J. Everett Kreider

Farmers present at 12:15 will receive meal tickets.

Public Auction

FRIDAY, NOV. 21, 1969

STARTING AT 10 A. M.

20 to 30 TRACTORS

MANY MAKES AND MODELS

International, Ford, John Deere, Allis-Chalmers, Case. Massey-Harris, Massey-Ferguson, Oliver

FARM MACHINERY

Harvesters, mowers, cornpickers, blowers, hay balers, etc
Some Lawn and Garden Equipment

Attention DEALERS & FARMERS:
Bring your own surplus equipment in to be sold on consignment.

Dry Goods man will be here for the Ladies.
TERMS — CASH

We buy, sell, trade, wholesale–daily.

Used Parts for most make & model of Tractors & Farm Machinery.

CONDITIONS BY

WENGER'S FARM MACHINERY, INC.

So. Race St. Myerstown, Pa

717-866-2138

Rentzel and Horst, Auctioneers

TREASURERS TO DISTRIBUTE ANTLERLESS DEER LICENSES

Pennsylvania county treasurers are scheduled to begin distributing antlerless deer licenses on Monday, November 10.

For those who have not yet applied, antlerless licenses are still available in ten counties. These are the counties which still have licenses Allegheny, Beaver, Centre, Chester, Delaware, Lawrence, McKean, Montgomery, Tioga and Washington.

County treasurers will be permitted to issue antlerless licenses to non-residents beginning November 15.

Dress Forms

It took centuries to come up with a workable model of the dressmaker's dummy or dress form, says Mrs Ruth Ann Wilson Penn State Extension clothing specialist The first try was a muslin form stuffed with cotton batting Next came wire forms, some like adjustable wire cages. Rubber dress forms that could be blown up like a balloon came next By the 1940's the sculptured dress form made its appearance It could be shaped right on the body The newest dress form can be adjusted to individual measurements at six places

A good leader is one who can inspire others to do what he wanted done, anyway

Don't Neglect Your Eyes

Visit Your Eye Doctor if you are in doubt

Doctor's Prescriptions Filled Adjustments, Repairs

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403 N DUKE STREET

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LEADS TO: PERFORMANCE AND LOW COSTS

HERE ARE THE ACCUMULATIVE RECORDS FOR 18 FLOCKS ON THE EARLY BIRD PROGRAM DURING THE 4 MONTHS FROM JUNE THROUGH SEPTEMBER.

Includes:

All Chickens (breeds)
All Ages
All Stages of Production
Old & Molted Birds
Flocks just housed during this period

Total number of flocks — 18
Number of birds — 201,117
Largest flock — 25,000 birds
Smallest flock — 6,000 birds

Total dozens produced during 4 months — 1,461,212 (or 17,534,320 eggs)

Average hen housed production for the 4 months — 71.463%

Feed used for all dozens of eggs produced — 3.62 lbs.

Ranged from a low for 4 months of 3.50 lbs. to a high of 5.44 lbs. for old and molted birds

For: Larger average size in early stages of production
Better liveability through improved flock health
Better overall shell quality

MAXIMUM PERFORMANCE WITH MINIMUM COSTS
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the EARLY BIRD OPTIMUM PERFORMANCE PROGRAM

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